Date: 11/6/15

SAFETY DATA SHEET

SDS PREPARATION DATE: 11/6/2015, Version 1

Section 1 - Identification

GHS product identifier	:	Ironcore Black Primer
Chemical name	:	Mixture
Synonyms	:	Coatings
Product type	:	
Material use	:	Paint and Coatings
Supplier's details	:	Giani, Inc.
ADDRESS		2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887

Section 2 – Hazardous Identification

GHS Classification
According to Regulation 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
No need for classification according to GHS criteria for this product.

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

Label Elements

Signal Word
Warning

Hazard Statements:

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage

Precautionary Statements: **Disposal**

P501	Dispose of contents/container according to applicable local, national, and international regulations.

Precautionary Statements: Prevention

P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.

Precautionary Statements: Response

P303+P361+P353	If on skin (or hair): Rinse skin with water/shower.
P370+P378	In case of fire: use recommended media to extinguish.
P304+P340	If Inhaled: Remove person to fresh air and keep comfortable for breathing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P312	Call a POISON CONTROL CENTER/doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see supplemental first aid instruction on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.

Precautionary Statements: Storage

P403+P235	Store in a well-ventilated place. Keep cool.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified
No specific dangers known, if the regulations/notes for storage and handling are considered

Section 3 – Composition/information on ingredients

Component	Concentration	CAS number	GHS Symbols	GHS Statements
Water	64.71% - 69.71%	7732-18-5	N.A.	N.A
Vehicle	19.24% - 24.24%	non-hazardous proprietary	N.A.	N.A.
Tetramethyl-5-decyne -4,7-Diol, 2,4,7,9-,	00.19% – 00.99%	126-86-3	GHS05, GHS07	H302-315-317-318
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	00.68% - 01.68%	9014-85-1	GHS05	H318
carbon black	03.48% - 05.48%	1333-86-4	N.A.	N.A.
talc	04.19% - 06.19%	14807-96-6	N.A.	N.A.
polypropylene glycol	00.43% - 00.93%	25322-69-4	N.A.	N.A.
polyethylene glycol	00.36% - 00.86%	25322-68-3	N.A.	N.A.
propylene glycol	01.63% - 05.63%	57-55-6	N.A.	N.A.
dipropylene glycol monomethyl ether	01.53% - 03.53%	34590-94-8	N.A.	N.A.
Calcium Carbonate	20.97% - 25.97%	1317-65-3	N.A.	N.A.
ammonium hydroxide	00.03% - 00.09%	1336-21-6	GHS05, GHS07	H302-314-335
bentonite	00.55% - 00.99%	1302-78-9	N.A.	N.A.

All concentrations are percent by weight
The identity of components and / or exact percentage composition may have been withheld as a trade secret.

Section 4 - First Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing
If inhaled:
Remove the affected individual into fresh air and keep the person calm. Seek medical attention.
If on skin:
Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If irritation develops, seek medical attention.
If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and affects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media	CO2, dry powder, dry sand, foam.
Unsuitable Extinguishing Media	Water in a jet
Flash Point	75 °C / 167 °F
Autoignition Temperature	207 °C / 405 °F
Explosion Limits	Not determined
Upper	14.0 vol%
Lower	1.1 vol%
Sensitivity to Mechanical Impact	None expected
Sensitivity to Static Discharge	None expected

Specific Hazards Arising from the substance or mixture
Hazards during fire-fighting:
Harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective Equipment and Precautions for Firefighters
Firefighters should be equipped with self-containing breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

NFPA

Health	Flammability	Instability	Physical hazards
2	1	0	

Section 6 - Accidental Release Measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

Personal Precautions Use personal protective clothing.

Environmental Precautions Do not discharge into drains/surface waters/ground water.

Methods for Containment and Clean up For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbent material in accordance with regulations.
For large amounts: Pump off product.

Section 7 - Handling and Storage


Handling
Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using, do not eat, drink or smoke. Avoid release to the environment.

Storage
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Keep from freezing.

Section 8 - Exposure Controls, Personal Protection

Ingredients Occupational exposure limits:

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Calcium Carbonate	N.D.	N.D	5 mg/m3 (respirable fraction)	N.D.
Ammonium Hydroxide	18 mg/m3	27 mg/m3	35 mg/m3	N.D.
Dipropylene glycol Monomethyl ether	100 ppm	150 ppm	600 mg/m3	N.D.
carbon black	3.0 mg/m3 inhalable	N.D.	3.5 mg/m3 inhalable	N.D.

Personal Protective Equipment

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Chemical resistant protective gloves.

Eye Protection: Wear safety glasses with side shields (or goggles).

Other Protective Equipment: Wear protective clothing as necessary to minimize contact..

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Appearance	Black
Odor	odorless
Odor Threshold	No information available
pH	8.0 – 10.50
Melting Point/Range	No information available
Boiling Point/Range	100 °C / 212 °F
Flash Point (closed cup Setaflash)	75 °C / 167 °F
Evaporation Rate	Slower than ether
Flammability (solid,gas)	N.A.
Flammability or explosive limits	
Upper	14.0 vol%
Lower	1.1 vol%
Vapor Pressure mmHg @ 21°C	not determined
Vapor Density	Heavier than air
Relative Density	1.24
Formula Weight per Volume	10.34 Pound/Gallon
VOC g/l / lb./gallon	91.96 / 0.77
HAPS	0.00%
Percent Volatile by Weight	51.57%
Percent Volatile by Volume	61.30%
Solubility	soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	405 °F / (207 °C)
Decomposition Temperature	*No information available*
Viscosity Krebs unit	60 – 80 ku

Section 10 - Stability and Reactivity

Reactive Hazard	No hazardous reactions if stored and handled as prescribed/indicated.
Oxidizing properties	Not an oxidizer.
Chemical Stability	Stable if stored and handled as prescribed/indicated.
Conditions to Avoid	See SDS section 7 – Handling and storage.
Incompatible Materials	Strong oxidizing agents, Acids, Bases
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO2), Sulfur oxides
Thermal decomposition	Stable up to boiling point.
Hazardous Reactions	No hazardous reactions when stored and handled according to instructions.

Section 11 - Toxicological Information

Effect of Overexposure - inhalation: No adverse effects due to inhalation are expected.

Effect of Overexposure - skin contact: causes skin irritation. allergic reactions are possible. prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Effect of Overexposure - eye contact: liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Effect of overexposure - ingestion: this material may be harmful or fatal if swallowed. irritating to mouth, throat and stomach.
Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact

STOT - Single Exposure
Based on single exposure toxicity values, not classified.

STOT - Repeated Exposure Target Organs:
Based on repeated exposure toxicity values, not classified.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
1333-86-4	Carbon Black	Not labeled by NTP	Not labeled by OSHA	2B

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
57-55-6	Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)
1333-86-4	Carbon Black	>8000 (rat)	No data available	No data available
126-86-3	Tetramethyl-5-decyne -4,7-Diol, 2,4,7,9-,	>2,000 (rat)	> 2,000 (rat)	1 h >20 (rat)
9014-85-1	Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)
1302-78-9	bentonite	>2,000 (rat)	No data available	>= 5.27 (rat)
34590-94-8	dipropylene glycol monomethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)

Section 12 - Ecological Information

Ecotoxicity
Do not flush into surface water or sanitary sewer system.

Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified.

Toxicity to fish (Acute toxicity)	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Low acute toxicity to aquatic invertebrates.
Toxicity to algae (Acute toxicity)	Low toxicity to algae.
Toxicity to fish (Chronic toxicity)	Data not available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	Low chronic toxicity to aquatic invertebrates. Data not available
Toxicity to bacteria (Acute toxicity)	Low toxicity to sewage microbes.
Persistence and Degradability	Expected to be biodegradable
Bioaccumulation/ Accumulation	Not expected to bioaccumualte
Mobility	No information available

Section 13 - Disposal Considerations

Waste Disposal Methods

Waste disposal of substance: Dispose of contents/container in accordance with local/regional/national regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste under RCRA.
Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 - Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT – Not Regulated
DOT Proper Shipping Name: Paint Related Material Non Hazardous
DOT Hazard Class: Not Regulated
DOT UN/NA Number: Not Regulated
This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS

Section 15 - Regulatory Information

FEDERAL REGULATIONS:
This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200
CERCLA - SARA Hazard Category
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
None
SARA 302 Extremely Hazardous Material: No
SARA 304 CERCLA Product

Chemical Name	CAS Number	Pct by Wt.	RQ (lbs)

This product contains no known chemicals regulated under SARA 302/304.
SARA 311/312 Not Hazardous
Acute Health Hazard
SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements in section 313 of SARA.

Name	CAS-No.

This product contains no known chemicals regulated under SARA 313.
State Regulations
New Jersey right-to-know:

Propylene Glycol	57-55-6
Carbon Black	1333-86-4
Polypropylene glycol	25322-69-4
Talc	14807-96-6

Pennsylvania right-to-know:

Propylene Glycol	57-55-6
Carbon Black	1333-86-4
Calcium Carbonate	1317-65-3
Polypropylene glycol	25322-69-4
Talc	14807-96-6
dipropylene glycol monomethyl ether	34590-94-8

Massachusetts right-to-know:

Carbon Black	1333-86-4
Calcium Carbonate	1317-65-3
Talc	14807-96-6

Minnesota right-to-know:

Calcium Carbonate	1317-65-3

California Proposition 65 Carcinogens
Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS-No.	
Carbon Black	1333-86-4	The listing is for carbon black (airborne, unbound particles of respirable size) and does not cover carbon black when it remains within a product matrix.

California Proposition 65 Reproductive Toxins
Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.
No Proposition 65 Reproductive Toxins exist in this product.

Toxic Substances Control Act:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:
No TSCA 12(b) components exist in this product.

Country	Regulatory list	Notification
USA	TSCA	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
EU	EINECS	This product, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Canada	DSL	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
Australia	AICS	This product, or its components, are listed on or are exempt from the Australian Chemical Substance List (AICS).
Japan	ENCS	This product, or its components, are not listed on or are exempt from the Japanese Chemical Substance List (ENCS)
South Korea	ECL	This product, or its components, are not listed on or are exempt from the Korean Chemical Substance List (ECL).
China	SEPA	This product, or its components, are listed on or are exempt from the Chinese Chemical Substance List (SEPA).
Philippines	PICCS	This product, or its components, are not listed on or are exempt from the Philippine Chemical Substance List (PICCS).

No other Regulatory Information!

Section 16 - Other Information

HMIS® Hazard Ratings: Health - 2, Flammability - 1, Physical Hazard – 0
HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

Prepared By Environmental, Health and Safety Department
Email: info@espinc.us

Creation Date 11/06/15
Revision Date
Print Date 11/06/15

replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer
The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
NON-WARRANTY: Any recommendation of Giani, Inc. contained herein covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however, Giani, Inc. makes no warranty or representation with respect thereto. Use or application of any Giani, Inc. product is at the discretion of the Buyer without liability or obligation whatsoever of Giani, Inc.

Date: 11/6/15

SAFETY DATA SHEET

SDS PREPARATION DATE: 11/6/2015, Version 1

Section 1 - Identification

GHS product identifier	:	Pearl Mica
Chemical name	:	Mixture
Synonyms	:	Coatings
Product type	:	
Material use	:	Paint and Coatings
Supplier's details	:	Giani, Inc.
ADDRESS		2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887

Section 2 – Hazardous Identification

GHS Classification
According to Regulation 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
No need for classification according to GHS criteria for this product.

Physical hazards Serious Eye Damage - Category 1
Health hazards Not Classified
Environmental hazards Not Classified

Label Elements

Signal Word
Danger

Hazard Statement:
H318 Causes serious eye damage

Precautionary Statements: **Disposal**
P501 Dispose of contents/container according to applicable local, national, and international regulations.

Precautionary Statements: Prevention
P233 Keep container tightly closed.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.

Precautionary Statements: Response
P303+P361+P353 If on skin (or hair): Rinse skin with water/shower.
P370+P378 In case of fire: use recommended media to extinguish.
P304+P340 If Inhaled: Remove person to fresh air and keep comfortable for breathing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P312 Call a POISON CONTROL CENTER/doctor if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (see supplemental first aid instruction on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary Statements: Storage
P403+P235 Store in a well-ventilated place. Keep cool.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified
No specific dangers known, if the regulations/notes for storage and handling are considered

Section 3 – Composition/information on ingredients

Component	Concentration	CAS number	GHS Symbols	GHS Statements
Water	66.08% - 71.08%	7732-18-5	N.A.	N.A
Vehicle	19.08% - 24.08%	non-hazardous proprietary	N.A.	N.A.
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	00.69% - 01.69%	9014-85-1	GHS05	H318
Polypropylene glycol	00.23% - 00.73%	25322-69-4	N.A.	N.A.
Propylene glycol	00.52% - 01.52%	57-55-6	N.A.	N.A.
Dipropylene glycol monomethyl ether	01.91% - 03.91%	34590-94-8	N.A.	N.A.
Titanium Dioxide	01.59% - 02.59%	13463-67-7	N.A.	N.A.
Mica-group minerals	05.33% - 07.33%	12001-26-2	N.A.	N.A.
Talc	03.72% - 04.72%	14807-96-6	N.A.	N.A.
Synthetic amorphous silica	00.85% - 01.85%	112926-00-8	N.A.	N.A.

All concentrations are percent by weight
The identity of components and / or exact percentage composition may have been withheld as a trade secret.

Section 4 - First Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing
If inhaled:
Remove the affected individual into fresh air and keep the person calm. Seek medical attention.
If on skin:
Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If irritation develops, seek medical attention.
If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and affects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media	CO2, dry powder, dry sand, foam.
Unsuitable Extinguishing Media	Water in a jet
Flash Point	75 °C / 167 °F
Autoignition Temperature	207 °C / 405 °F
Explosion Limits	Not determined
Upper	14.0 vol%
Lower	1.1 vol%
Sensitivity to Mechanical Impact	None expected
Sensitivity to Static Discharge	None expected

Specific Hazards Arising from the substance or mixture
Hazards during fire-fighting:
Harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective Equipment and Precautions for Firefighters
Firefighters should be equipped with self-containing breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

NFPA

Health	Flammability	Instability	Physical hazards
2	1	0	

Section 6 - Accidental Release Measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

Personal Precautions Use personal protective clothing.

Environmental Precautions Do not discharge into drains/surface waters/ground water.

Methods for Containment and Clean up For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbent material in accordance with regulations.
For large amounts: Pump off product.

Section 7 - Handling and Storage


Handling

Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using, do not eat, drink or smoke. Avoid release to the environment.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Keep from freezing.

Section 8 - Exposure Controls, Personal Protection

Ingredients Occupational exposure limits:

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Dipropylene glycol Monomethyl ether	100 ppm	150 ppm	600 mg/m3	N.E.
Titanium Dioxide	10 mg/m3	N.E.	15 mg/m3 (dust)	N.E.
Talc	2 mg/m3	N.E.	2 mg/m3 (Respirable fraction)	N.E.
Mica-group minerals	3 mg/m3	N.E.	3 mg/m3 (Respirable dust)	N.E.

Personal Protective Equipment

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Chemical resistant protective gloves.

Eye Protection: Wear safety glasses with side shields (or goggles).

Other Protective Equipment: Wear protective clothing as necessary to minimize contact..

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Appearance	Translucent
Odor	odorless
Odor Threshold	No information available
pH	8.0 – 10.50
Melting Point/Range	No information available
Boiling Point/Range	100 °C / 212 °F
Flash Point (closed cup Setaflash)	75 °C / 167 °F
Evaporation Rate	Slower than ether
Flammability (solid,gas)	N.A.
Flammability or explosive limits	
Upper	14.0 vol%
Lower	01.1 vol%
Vapor Pressure mmHg @ 21°C	not determined
Vapor Density	Heavier than air
Relative Density	1.09
Formula Weight per Volume	9.19 Pound/Gallon
VOC g/l / lb./gallon	99.68 / 0.83
HAPS	0.00%
Percent Volatile by Weight	69.43%
Percent Volatile by Volume	75.40%
Solubility	soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	405 °F / (207 °C)
Decomposition Temperature	*No information available*
Viscosity Krebs unit	60 – 70 ku

Section 10 - Stability and Reactivity

Reactive Hazard No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties Not an oxidizer.

Chemical Stability Stable if stored and handled as prescribed/indicated.

Conditions to Avoid See SDS section 7 – Handling and storage.

Incompatible Materials Strong oxidizing agents, Acids, Bases

Hazardous Decomposition Products Carbon monoxide (CO), Carbon dioxide (CO2), Sulfur oxides

Thermal decomposition Stable up to boiling point.

Hazardous Reactions No hazardous reactions when stored and handled according to instructions.

Section 11 - Toxicological Information

Effect of Overexposure - inhalation: No adverse effects due to inhalation are expected.

Effect of Overexposure - skin contact: causes skin irritation. allergic reactions are possible. prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Effect of Overexposure - eye contact: liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Effect of overexposure - ingestion: this material may be harmful or fatal if swallowed. irritating to mouth, throat and stomach.
Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact

STOT - Single Exposure
Based on single exposure toxicity values, not classified.

STOT - Repeated Exposure Target Organs:
Based on repeated exposure toxicity values, not classified.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
13463-67-7	Titanium Dioxide	Not labeled by NTP	Not labeled by OSHA	group 2B

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
57-55-6	Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)
9014-85-1	Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)
34590-94-8	dipropylene glycol monomethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)
25322-69-4	polypropylene glycol	681 (rat)	N.D.	N.D.
13463-67-7	Titanium Dioxide	> 5000 (rat)	> 5000 (rabbit)	4 h > 6.8 (rat)
12001-26-2	Mica-group minerals	> 2000 (rat)	N.D.	N.D.

Section 12 - Ecological Information

Ecotoxicity
Do not flush into surface water or sanitary sewer system.

Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified.

Toxicity to fish (Acute toxicity)	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Low acute toxicity to aquatic invertebrates.
Toxicity to algae (Acute toxicity)	Low toxicity to algae.
Toxicity to fish (Chronic toxicity)	Data not available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	Low chronic toxicity to aquatic invertebrates. Data not available
Toxicity to bacteria (Acute toxicity)	Low toxicity to sewage microbes.
Persistence and Degradability	Expected to be biodegradable
Bioaccumulation/ Accumulation	Not expected to bioaccumualte
Mobility	No information available

Section 13 - Disposal Considerations

Waste Disposal Methods

Waste disposal of substance: Dispose of contents/container in accordance with local/regional/national regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste under RCRA.
Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 - Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT – Not Regulated
DOT Proper Shipping Name: Paint Related Material Non Hazardous
DOT Hazard Class: Not Regulated
DOT UN/NA Number: Not Regulated
This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS

Section 15 - Regulatory Information

FEDERAL REGULATIONS:
This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200
CERCLA - SARA Hazard Category
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
None
SARA 302 Extremely Hazardous Material: No
SARA 304 CERCLA Product

Chemical Name	CAS Number	Pct by Wt.	RQ (lbs)

This product contains no known chemicals regulated under SARA 302/304.
SARA 311/312 Not Hazardous
Acute Health Hazard
SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements in section 313 of SARA.

Name	CAS-No.

This product contains no known chemicals regulated under SARA 313.
State Regulations

New Jersey right-to-know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
Titanium Dioxide	13463-67-7
Talc	14807-96-6
Mica-group minerals	12001-26-2

Pennsylvania right-to-know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
dipropylene glycol monomethyl ether	34590-94-8
Titanium Dioxide	13463-67-7
Talc	14807-96-6
Mica-group minerals	12001-26-2

Massachusetts right-to-know:

Titanium Dioxide	13463-67-7
Talc	14807-96-6
Mica-group minerals	12001-26-2

California Proposition 65 Carcinogens
Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS-No.	
Titanium Dioxide	13463-67-7	The listing is for titanium dioxide (airborne, unbound particles of respirable size) and does not cover titanium dioxide when it remains within a product matrix.

California Proposition 65 Reproductive Toxins
Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.
No Proposition 65 Reproductive Toxins exist in this product.

Toxic Substances Control Act:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:
No TSCA 12(b) components exist in this product.

Country	Regulatory list	Notification
USA	TSCA	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
EU	EINECS	This product, or its components, are not listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Canada	DSL	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
Australia	AICS	This product, or its components, are listed on or are exempt from the Australian Chemical Substance List (AICS).
Japan	ENCS	This product, or its components, are not listed on or are exempt from the Japanese Chemical Substance List (ENCS)
South Korea	ECL	This product, or its components, are not listed on or are exempt from the Korean Chemical Substance List (ECL).
China	SEPA	This product, or its components, are listed on or are exempt from the Chinese Chemical Substance List (SEPA).
Philippines	PICCS	This product, or its components, are not listed on or are exempt from the Philippine Chemical Substance List (PICCS).

No other Regulatory Information!

Section 16 - Other Information

HMIS® Hazard Ratings: Health - 2, Flammability - 1, Physical Hazard – 0
HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

Prepared By Environmental, Health and Safety Department
Email: info@espinc.us

Creation Date 11/06/15
Revision Date
Print Date 11/06/15

replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer
The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
NON-WARRANTY: Any recommendation of Giani, Inc. contained herein covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however, Giani, Inc. makes no warranty or representation with respect thereto. Use or application of any Giani, Inc. product is at the discretion of the Buyer without liability or obligation whatsoever of Giani, Inc.

Date: 11/6/15

SAFETY DATA SHEET

SDS PREPARATION DATE: 11/6/2015, Version 1

Section 1 - Identification

GHS product identifier	:	Inca Gold
Chemical name	:	Mixture
Synonyms	:	Coatings
Product type	:	
Material use	:	Paint and Coatings
Supplier's details	:	Giani, Inc.
ADDRESS		2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887

Section 2 – Hazardous Identification

GHS Classification
According to Regulation 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
No need for classification according to GHS criteria for this product.

Physical hazards Serious Eye Damage - Category 1
Health hazards Not Classified
Environmental hazards Not Classified

Label Elements

Signal Word
Danger

Hazard Statement:

H316	Causes mild skin irritation.
H318	Causes serious eye damage
H320	Causes eye irritation.
H335	May cause respiratory irritation.

Precautionary Statements: **Disposal**

P501	Dispose of contents/container according to applicable local, national, and international regulations.

Precautionary Statements: Prevention

P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.

Precautionary Statements: Response

P303+P361+P353	If on skin (or hair): Rinse skin with water/shower.
P370+P378	In case of fire: use recommended media to extinguish.
P304+P340	If Inhaled: Remove person to fresh air and keep comfortable for breathing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P312	Call a POISON CONTROL CENTER/doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see supplemental first aid instruction on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.

Precautionary Statements: Storage

P403+P235	Store in a well-ventilated place. Keep cool.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified
No specific dangers known, if the regulations/notes for storage and handling are considered

Section 3 – Composition/information on ingredients

Component	Concentration	CAS number	GHS Symbols	GHS Statements
Water	66.33% - 71.33%	7732-18-5	N.A.	N.A
Vehicle	18.49% - 23.49%	non-hazardous proprietary	N.A.	N.A.
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	00.67% - 01.67%	9014-85-1	GHS05	H318
Polypropylene glycol	00.22% - 00.72%	25322-69-4	N.A.	N.A.
Propylene glycol	00.63% - 01.63%	57-55-6	N.A.	N.A.
Dipropylene glycol monomethyl ether	01.72% - 03.72%	34590-94-8	N.A.	N.A.
Titanium Dioxide	06.72% - 10.72%	13463-67-7	N.A.	N.A.
Red Iron Oxide (Fe2O3)	00.08% - 02.08%	1309-37-1	N.A.	N.A.
C.I. pigment yellow 42	00.65% - 02.65%	51274-00-1	N.A.	N.A.
Carbon Black (amorphous)	00.05% - 00.99%	1333-86-4	N.A.	N.A.
Bentonite	00.07% - 00.17%	1302-78-9	N.A.	N.A.
Talc	03.55% - 04.55%	14807-96-6	N.A.	N.A.
Synthetic amorphous silica	00.82% - 01.82%	112926-00-8	N.A.	N.A.

All concentrations are percent by weight
The identity of components and / or exact percentage composition may have been withheld as a trade secret.

Section 4 - First Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing
If inhaled:
Remove the affected individual into fresh air and keep the person calm. Seek medical attention.
If on skin:
Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If irritation develops, seek medical attention.
If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and affects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media	CO_2, dry powder, dry sand, foam.
Unsuitable Extinguishing Media	Water in a jet
Flash Point	75 °C / 167 °F
Autoignition Temperature	207 °C / 405 °F
Explosion Limits	Not determined
Upper	14.0 vol%
Lower	1.1 vol%
Sensitivity to Mechanical Impact	None expected
Sensitivity to Static Discharge	None expected

Specific Hazards Arising from the substance or mixture
Hazards during fire-fighting:
Harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective Equipment and Precautions for Firefighters
Firefighters should be equipped with self-containing breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

NFPA

Health	Flammability	Instability	Physical hazards
2	1	0	

Section 6 - Accidental Release Measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

Personal Precautions Use personal protective clothing.

Environmental Precautions Do not discharge into drains/surface waters/ground water.

Methods for Containment and Clean up For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbent material in accordance with regulations.
For large amounts: Pump off product.

Section 7 - Handling and Storage


Handling

Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using, do not eat, drink or smoke. Avoid release to the environment.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Keep from freezing.

Section 8 - Exposure Controls, Personal Protection

Ingredients Occupational exposure limits:

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Dipropylene glycol Monomethyl ether	100 ppm	150 ppm	600 mg/m3	N.E.
Titanium Dioxide	10 mg/m3	N.E.	15 mg/m3 (dust)	N.E.
Talc	2 mg/m3	N.E.	2 mg/m3 (Respirable fraction)	N.E.
Red Iron Oxide (Fe2O3)	5 mg/m3	N.E.	10 mg/m3	N.E.
C.I. pigment yellow 42	5 mg/m3 (respirable dust)	N.E.	5 mg/m3 (respirable dust)	N.E.
Carbon Black (amorphous)	3 mg/m3 (inhalable dust)	N.E.	3.5 mg/m3 (inhalable dust)	N.E.

Personal Protective Equipment

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Chemical resistant protective gloves.

Eye Protection: Wear safety glasses with side shields (or goggles).

Other Protective Equipment: Wear protective clothing as necessary to minimize contact..

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Appearance	Tan
Odor	odorless
Odor Threshold	No information available
pH	8.0 – 10.50
Melting Point/Range	No information available
Boiling Point/Range	100 °C / 212 °F
Flash Point (closed cup Setaflash)	75 °C / 167 °F
Evaporation Rate	Slower than ether
Flammability (solid,gas)	N.A.
Flammability or explosive limits	
Upper	14.0 vol%
Lower	01.1 vol%
Vapor Pressure mmHg @ 21°C	not determined
Vapor Density	Heavier than air
Relative Density	1.12
Formula Weight per Volume	9.30 Pound/Gallon
VOC g/l / lb./gallon	99.76 / 0.83
HAPS	0.00%
Percent Volatile by Weight	69.57%
Percent Volatile by Volume	76.20%
Solubility	soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	405 °F / (207 °C)
Decomposition Temperature	*No information available*
Viscosity Krebs unit	60 – 70 ku

Section 10 - Stability and Reactivity

Reactive Hazard	No hazardous reactions if stored and handled as prescribed/indicated.
Oxidizing properties	Not an oxidizer.
Chemical Stability	Stable if stored and handled as prescribed/indicated.
Conditions to Avoid	See SDS section 7 – Handling and storage.
Incompatible Materials	Strong oxidizing agents, Acids, Bases
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO2), Sulfur oxides

Thermal decomposition Stable up to boiling point.

Hazardous Reactions No hazardous reactions when stored and handled according to instructions.

Section 11 - Toxicological Information

Effect of Overexposure - inhalation: No adverse effects due to inhalation are expected.

Effect of Overexposure - skin contact: causes skin irritation. allergic reactions are possible. prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Effect of Overexposure - eye contact: liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Effect of overexposure - ingestion: this material may be harmful or fatal if swallowed. irritating to mouth, throat and stomach.
Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact

STOT - Single Exposure
Based on single exposure toxicity values, not classified.

STOT - Repeated Exposure Target Organs:
Based on repeated exposure toxicity values, not classified.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
1333-86-4	Carbon Black	Not labeled by NTP	Not labeled by OSHA	Group 2B
13463-67-7	Titanium Dioxide	Not labeled by NTP	Not labeled by OSHA	Group 2B

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
57-55-6	Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)
9014-85-1	Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)
34590-94-8	dipropylene glycol monomethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)
25322-69-4	polypropylene glycol	681 (rat)	N.D.	N.D.
13463-67-7	Titanium Dioxide	> 5000 (rat)	> 5000 (rabbit)	4 h > 6.8 (rat)
1333-86-4	Carbon Black (amorphous)	>8000 (rat)	N.D.	N.D.
1309-37-1	Red Iron Oxide (Fe2O3)	>5000 mg/l (rat)	5500 (rat)	N.D.

Section 12 - Ecological Information

Ecotoxicity
Do not flush into surface water or sanitary sewer system.

Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified.

Toxicity to fish (Acute toxicity)	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Low acute toxicity to aquatic invertebrates.
Toxicity to algae (Acute toxicity)	Low toxicity to algae.
Toxicity to fish (Chronic toxicity)	Data not available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	Low chronic toxicity to aquatic invertebrates. Data not available
Toxicity to bacteria (Acute toxicity)	Low toxicity to sewage microbes.
Persistence and Degradability	Expected to be biodegradable
Bioaccumulation/ Accumulation	Not expected to bioaccumualte
Mobility	No information available

Section 13 - Disposal Considerations

Waste Disposal Methods

Waste disposal of substance: Dispose of contents/container in accordance with local/regional/national regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste under RCRA.
Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 - Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT – Not Regulated
DOT Proper Shipping Name: Paint Related Material Non Hazardous
DOT Hazard Class: Not Regulated
DOT UN/NA Number: Not Regulated
This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS

Section 15 - Regulatory Information

FEDERAL REGULATIONS:
This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200
CERCLA - SARA Hazard Category
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
None
SARA 302 Extremely Hazardous Material: No
SARA 304 CERCLA Product

Chemical Name	CAS Number	Pct by Wt.	RQ (lbs)

This product contains no known chemicals regulated under SARA 302/304.
SARA 311/312 Not Hazardous
Acute Health Hazard
SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements in section 313 of SARA.

Name	CAS-No.

This product contains no known chemicals regulated under SARA 313.
State Regulations
New Jersey right-to-know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
Titanium Dioxide	13463-67-7
Talc	14807-96-6
Red Iron Oxide (Fe2O3)	1309-37-1
Carbon Black (amorphous)	1333-86-4

Pennsylvania right-to-know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
dipropylene glycol monomethyl ether	34590-94-8
Titanium Dioxide	13463-67-7
Talc	14807-96-6
Red Iron Oxide (Fe2O3)	1309-37-1
Carbon Black (amorphous)	1333-86-4

Massachusetts right-to-know:

Titanium Dioxide	13463-67-7
Talc	14807-96-6
Red Iron Oxide (Fe2O3)	1309-37-1
Carbon Black (amorphous)	1333-86-4

California Proposition 65 Carcinogens

Warning: This product contains, or may contain trace quantities of a substance known to the state of California to cause Cancer not limited to any that may be listed below:

Chemical Name	CAS-No.	
Titanium Dioxide	13463-67-7	The listing is for titanium dioxide (airborne, unbound particles of respirable size) and does not cover titanium dioxide when it remains within a product matrix.
Carbon black	1333-86-4	The listing is for carbon black (airborne, unbound particles of respirable size) and does not cover carbon black when it remains within a product matrix.

California Proposition 65 Reproductive Toxins

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.
No Proposition 65 Reproductive Toxins exist in this product.

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:
No TSCA 12(b) components exist in this product.

Country	Regulatory list	Notification
USA	TSCA	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
EU	EINECS	This product, or its components, are not listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Canada	DSL	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
Australia	AICS	This product, or its components, are listed on or are exempt from the Australian Chemical Substance List (AICS).
Japan	ENCS	This product, or its components, are not listed on or are exempt from the Japanese Chemical Substance List (ENCS)
South Korea	ECL	This product, or its components, are not listed on or are exempt from the Korean Chemical Substance List (ECL).
China	SEPA	This product, or its components, are listed on or are exempt from the Chinese Chemical Substance List (SEPA).
Philippines	PICCS	This product, or its components, are not listed on or are exempt from the Philippine Chemical Substance List (PICCS).

No other Regulatory Information!

Section 16 - Other Information

HMIS® Hazard Ratings: Health - 2, Flammability - 1, Physical Hazard – 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

Prepared By Environmental, Health and Safety Department
Email: info@espinc.us

Creation Date 11/06/15
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replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

NON-WARRANTY: Any recommendation of Giani, Inc. contained herein covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however, Giani, Inc. makes no warranty or representation with respect thereto. Use or application of any Giani, Inc. product is at the discretion of the Buyer without liability or obligation whatsoever of Giani, Inc.

Date: 11/6/15

SAFETY DATA SHEET

SDS PREPARATION DATE: 11/6/2015, Version 1

Section 1 - Identification

GHS product identifier	:	White Limestone
Chemical name	:	Mixture
Synonyms	:	Coatings
Product type	:	
Material use	:	Paint and Coatings
Supplier's details	:	Giani, Inc.
ADDRESS		2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887

Section 2 – Hazardous Identification

GHS Classification
According to Regulation 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
No need for classification according to GHS criteria for this product.

Physical hazards Serious Eye Damage - Category 1
Health hazards Not Classified
Environmental hazards Not Classified
Label Elements

Signal Word
Danger

Hazard Statement:
H318 Causes serious eye damage
Precautionary Statements: **Disposal**
P501 Dispose of contents/container according to applicable local, national, and international regulations.
Precautionary Statements: Prevention
P233 Keep container tightly closed.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.

Precautionary Statements: Response
P303+P361+P353 If on skin (or hair): Rinse skin with water/shower.
P370+P378 In case of fire: use recommended media to extinguish.
P304+P340 If Inhaled: Remove person to fresh air and keep comfortable for breathing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P312 Call a POISON CONTROL CENTER/doctor if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (see supplemental first aid instruction on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
Precautionary Statements: Storage
P403+P235 Store in a well-ventilated place. Keep cool.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified
No specific dangers known, if the regulations/notes for storage and handling are considered

Section 3 – Composition/information on ingredients

Component	Concentration	CAS number	GHS Symbols	GHS Statements
Water	66.94% - 71.94%	7732-18-5	N.A.	N.A
Vehicle	19.22% - 24.22%	non-hazardous proprietary	N.A.	N.A.
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	00.69% - 01.69%	9014-85-1	GHS05	H318
Polypropylene glycol	00.23% - 00.73%	25322-69-4	N.A.	N.A.
Propylene glycol	00.54% - 01.54%	57-55-6	N.A.	N.A.
Dipropylene glycol monomethyl ether	01.82% - 03.82%	34590-94-8	N.A.	N.A.
Titanium Dioxide	04.93% - 09.93%	13463-67-7	N.A.	N.A.
Bentonite	00.06% - 00.16%	1302-78-9	N.A.	N.A.
Talc	03.71% - 04.71%	14807-96-6	N.A.	N.A.
Synthetic amorphous silica	00.84% - 01.84%	112926-00-8	N.A.	N.A.

All concentrations are percent by weight
The identity of components and / or exact percentage composition may have been withheld as a trade secret.

Section 4 - First Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing
If inhaled:
Remove the affected individual into fresh air and keep the person calm. Seek medical attention.
If on skin:
Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If irritation develops, seek medical attention.
If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and affects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media	CO2, dry powder, dry sand, foam.
Unsuitable Extinguishing Media	Water in a jet
Flash Point	75 °C / 167 °F
Autoignition Temperature	207 °C / 405 °F
Explosion Limits	Not determined
Upper	14.0 vol%
Lower	1.1 vol%
Sensitivity to Mechanical Impact	None expected
Sensitivity to Static Discharge	None expected

Specific Hazards Arising from the substance or mixture
Hazards during fire-fighting:
Harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective Equipment and Precautions for Firefighters
Firefighters should be equipped with self-containing breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

NFPA

Health	Flammability	Instability	Physical hazards
2	1	0	

Section 6 - Accidental Release Measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

Personal Precautions Use personal protective clothing.

Environmental Precautions Do not discharge into drains/surface waters/ground water.

Methods for Containment and Clean up For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbent material in accordance with regulations.
For large amounts: Pump off product.

Section 7 - Handling and Storage


Handling

Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using, do not eat, drink or smoke. Avoid release to the environment.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Keep from freezing.

Section 8 - Exposure Controls, Personal Protection

Ingredients Occupational exposure limits:

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Dipropylene glycol Monomethyl ether	100 ppm	150 ppm	600 mg/m3	N.E.
Titanium Dioxide	10 mg/m3	N.E.	15 mg/m3 (dust)	N.E.
Talc	2 mg/m3	N.E.	2 mg/m3 (Respirable fraction)	N.E.

Personal Protective Equipment
Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Chemical resistant protective gloves.

Eye Protection: Wear safety glasses with side shields (or goggles).

Other Protective Equipment: Wear protective clothing as necessary to minimize contact..

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Appearance	Translucent
Odor	odorless
Odor Threshold	No information available
pH	8.0 – 10.50
Melting Point/Range	No information available
Boiling Point/Range	100 °C / 212 °F
Flash Point (closed cup Setaflash)	75 °C / 167 °F
Evaporation Rate	Slower than ether
Flammability (solid,gas)	N.A.
Flammability or explosive limits	
Upper	14.0 vol%
Lower	01.1 vol%
Vapor Pressure mmHg @ 21°C	not determined
Vapor Density	Heavier than air
Relative Density	1.09
Formula Weight per Volume	9.11 Pound/Gallon
VOC g/l / lb./gallon	99.68 / 0.83
HAPS	0.00%
Percent Volatile by Weight	71.24%
Percent Volatile by Volume	76.50%
Solubility	soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	405 °F / (207 °C)
Decomposition Temperature	*No information available*
Viscosity Krebs unit	60 – 70 ku

Section 10 - Stability and Reactivity

Reactive Hazard No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties Not an oxidizer.

Chemical Stability Stable if stored and handled as prescribed/indicated.

Conditions to Avoid See SDS section 7 – Handling and storage.

Incompatible Materials Strong oxidizing agents, Acids, Bases

Hazardous Decomposition Products Carbon monoxide (CO), Carbon dioxide (CO2), Sulfur oxides

Thermal decomposition Stable up to boiling point.

Hazardous Reactions No hazardous reactions when stored and handled according to instructions.

Section 11 - Toxicological Information

Effect of Overexposure - inhalation: No adverse effects due to inhalation are expected.

Effect of Overexposure - skin contact: causes skin irritation. allergic reactions are possible. prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Effect of Overexposure - eye contact: liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Effect of overexposure - ingestion: this material may be harmful or fatal if swallowed. irritating to mouth, throat and stomach.
Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact

STOT - Single Exposure
Based on single exposure toxicity values, not classified.

STOT - Repeated Exposure Target Organs:
Based on repeated exposure toxicity values, not classified.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
13463-67-7	Titanium Dioxide	Not labeled by NTP	Not labeled by OSHA	Group 2B

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
57-55-6	Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)
9014-85-1	Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)
34590-94-8	dipropylene glycol monomethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)
25322-69-4	polypropylene glycol	681 (rat)	N.D.	N.D.
13463-67-7	Titanium Dioxide	> 5000 (rat)	> 5000 (rabbit)	4 h > 6.8 (rat)

Section 12 - Ecological Information

Ecotoxicity
Do not flush into surface water or sanitary sewer system.

Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified.

Toxicity to fish (Acute toxicity)	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Low acute toxicity to aquatic invertebrates.
Toxicity to algae (Acute toxicity)	Low toxicity to algae.
Toxicity to fish (Chronic toxicity)	Data not available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	Low chronic toxicity to aquatic invertebrates. Data not available
Toxicity to bacteria (Acute toxicity)	Low toxicity to sewage microbes.
Persistence and Degradability	Expected to be biodegradable
Bioaccumulation/ Accumulation	Not expected to bioaccumualte
Mobility	No information available

Section 13 - Disposal Considerations

Waste Disposal Methods

Waste disposal of substance: Dispose of contents/container in accordance with local/regional/national regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste under RCRA.

Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 - Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT – Not Regulated
DOT Proper Shipping Name: Paint Related Material Non Hazardous
DOT Hazard Class: Not Regulated
DOT UN/NA Number: Not Regulated
This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS

Section 15 - Regulatory Information

FEDERAL REGULATIONS:
This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200
CERCLA - SARA Hazard Category
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
None
SARA 302 Extremely Hazardous Material: No
SARA 304 CERCLA Product

Chemical Name	CAS Number	Pct by Wt.	RQ (lbs)

This product contains no known chemicals regulated under SARA 302/304.
SARA 311/312 Not Hazardous
Acute Health Hazard
SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements in section 313 of SARA.

Name	CAS-No.

This product contains no known chemicals regulated under SARA 313.
State Regulations
New Jersey right-to-know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
Titanium Dioxide	13463-67-7
Talc	14807-96-6

Pennsylvania right-to-know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
dipropylene glycol monomethyl ether	34590-94-8
Titanium Dioxide	13463-67-7
Talc	14807-96-6

Massachusetts right-to-know:

Titanium Dioxide	13463-67-7
Talc	14807-96-6

California Proposition 65 Carcinogens
Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS-No.	
Titanium Dioxide	13463-67-7	The listing is for titanium dioxide (airborne, unbound particles of respirable size) and does not cover titanium dioxide when it remains within a product matrix.

California Proposition 65 Reproductive Toxins
Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.
No Proposition 65 Reproductive Toxins exist in this product.

Toxic Substances Control Act:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:
No TSCA 12(b) components exist in this product.

Country	Regulatory list	Notification
USA	TSCA	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
EU	EINECS	This product, or its components, are not listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Canada	DSL	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
Australia	AICS	This product, or its components, are listed on or are exempt from the Australian Chemical Substance List (AICS).
Japan	ENCS	This product, or its components, are not listed on or are exempt from the Japanese Chemical Substance List (ENCS)
South Korea	ECL	This product, or its components, are not listed on or are exempt from the Korean Chemical Substance List (ECL).
China	SEPA	This product, or its components, are listed on or are exempt from the Chinese Chemical Substance List (SEPA).
Philippines	PICCS	This product, or its components, are not listed on or are exempt from the Philippine Chemical Substance List (PICCS).

No other Regulatory Information!

Section 16 - Other Information

HMIS® Hazard Ratings: Health - 2, Flammability - 1, Physical Hazard – 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

Prepared By Environmental, Health and Safety Department
Email: info@espinc.us

Creation Date 11/06/15
Revision Date
Print Date 11/06/15

replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

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Date: 11/6/15

SAFETY DATA SHEET

SDS PREPARATION DATE: 11/6/2015, Version 1

Section 1 - Identification

GHS product identifier	:	Clear Topcoat
Chemical name	:	Mixture
Synonyms	:	Coatings
Product type	:	
Material use	:	Paint and Coatings
Supplier's details	:	Giani, Inc.
ADDRESS		2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887

Section 2 – Hazardous Identification

GHS Classification
According to Regulation 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
No need for classification according to GHS criteria for this product.

Physical hazards Serious Eye Damage - Category 1
Health hazards Not Classified
Environmental hazards Not Classified

Label Elements

Signal Word
Warning

Hazard Statement:
H318 Causes serious eye damage

Precautionary Statements: **Disposal**
P501 Dispose of contents/container according to applicable local, national, and international regulations.

Precautionary Statements: Prevention
P233 Keep container tightly closed.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.

Precautionary Statements: Response
P303+P361+P353 If on skin (or hair): Rinse skin with water/shower.
P370+P378 In case of fire: use recommended media to extinguish.
P304+P340 If Inhaled: Remove person to fresh air and keep comfortable for breathing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P312 Call a POISON CONTROL CENTER/doctor if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (see supplemental first aid instruction on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary Statements: Storage
P403+P235 Store in a well-ventilated place. Keep cool.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified
No specific dangers known, if the regulations/notes for storage and handling are considered

Section 3 – Composition/information on ingredients

Component	Concentration	CAS number	GHS Symbols	GHS Statements
Water	59.90% - 64.90%	7732-18-5	N.A.	N.A
Vehicle	35.52% - 40.52%	non-hazardous proprietary	N.A.	N.A.
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	00.68% - 01.68%	9014-85-1	GHS05	H318
polypropylene glycol	00.34% - 00.84%	25322-69-4	N.A.	N.A.
propylene glycol	00.30% - 02.30%	57-55-6	N.A.	N.A.
dipropylene glycol monomethyl ether	03.35% - 05.35%	34590-94-8	N.A.	N.A.

All concentrations are percent by weight
The identity of components and / or exact percentage composition may have been withheld as a trade secret.

Section 4 - First Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing
If inhaled:
Remove the affected individual into fresh air and keep the person calm. Seek medical attention.
If on skin:
Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If irritation develops, seek medical attention.
If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and affects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media	CO2, dry powder, dry sand, foam.
Unsuitable Extinguishing Media	Water in a jet
Flash Point	75 °C / 167 °F
Autoignition Temperature	207 °C / 405 °F
Explosion Limits	Not determined
Upper	14.0 vol%
Lower	1.1 vol%
Sensitivity to Mechanical Impact	None expected
Sensitivity to Static Discharge	None expected

Specific Hazards Arising from the substance or mixture
Hazards during fire-fighting:
Harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective Equipment and Precautions for Firefighters
Firefighters should be equipped with self-containing breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

NFPA

Health	Flammability	Instability	Physical hazards
2	1	0	

Section 6 - Accidental Release Measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

Personal Precautions Use personal protective clothing.

Environmental Precautions Do not discharge into drains/surface waters/ground water.

Methods for Containment and Clean up For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbent material in accordance with regulations.
For large amounts: Pump off product.

Section 7 - Handling and Storage


Handling

Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using, do not eat, drink or smoke. Avoid release to the environment.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Keep from freezing.

Section 8 - Exposure Controls, Personal Protection

Ingredients Occupational exposure limits:

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Dipropylene glycol Monomethyl ether	100 ppm	150 ppm	600 mg/m3	N.D.

Personal Protective Equipment

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Chemical resistant protective gloves.

Eye Protection: Wear safety glasses with side shields (or goggles).

Other Protective Equipment: Wear protective clothing as necessary to minimize contact..

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Appearance	Translucent
Odor	odorless
Odor Threshold	No information available
pH	8.0 – 10.50
Melting Point/Range	No information available
Boiling Point/Range	100 °C / 212 °F
Flash Point (closed cup Setaflash)	75 °C / 167 °F
Evaporation Rate	Slower than ether
Flammability (solid,gas)	N.A.
Flammability or explosive limits	
Upper	14.0 vol%
Lower	01.1 vol%
Vapor Pressure mmHg @ 21°C	not determined
Vapor Density	Heavier than air
Relative Density	1.03
Formula Weight per Volume	8.59 Pound/Gallon
VOC g/l / lb./gallon	98.41 / 0.82
HAPS	0.00%
Percent Volatile by Weight	64.48%
Percent Volatile by Volume	65.40%
Solubility	soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	405 °F / (207 °C)
Decomposition Temperature	*No information available*
Viscosity Krebs unit	50 – 60 ku

Section 10 - Stability and Reactivity

Reactive Hazard No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties Not an oxidizer.

Chemical Stability Stable if stored and handled as prescribed/indicated.

Conditions to Avoid See SDS section 7 – Handling and storage.

Incompatible Materials Strong oxidizing agents, Acids, Bases

Hazardous Decomposition Products Carbon monoxide (CO), Carbon dioxide (CO2), Sulfur oxides

Thermal decomposition Stable up to boiling point.

Hazardous Reactions No hazardous reactions when stored and handled according to instructions.

Section 11 - Toxicological Information

Effect of Overexposure - inhalation: No adverse effects due to inhalation are expected.

Effect of Overexposure - skin contact: causes skin irritation. allergic reactions are possible. prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Effect of Overexposure - eye contact: liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Effect of overexposure - ingestion: this material may be harmful or fatal if swallowed. irritating to mouth, throat and stomach.
Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact

STOT - Single Exposure
Based on single exposure toxicity values, not classified.

STOT - Repeated Exposure Target Organs:
Based on repeated exposure toxicity values, not classified.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
none				

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
57-55-6	Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)
9014-85-1	Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)
34590-94-8	dipropylene glycol monomethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)
25322-69-4	polypropylene glycol	681 (rat)	N.D.	N.D.

Section 12 - Ecological Information

Ecotoxicity
Do not flush into surface water or sanitary sewer system.

Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified.

Toxicity to fish (Acute toxicity)	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Low acute toxicity to aquatic invertebrates.
Toxicity to algae (Acute toxicity)	Low toxicity to algae.
Toxicity to fish (Chronic toxicity)	Data not available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	Low chronic toxicity to aquatic invertebrates. Data not available
Toxicity to bacteria (Acute toxicity)	Low toxicity to sewage microbes.
Persistence and Degradability	Expected to be biodegradable
Bioaccumulation/ Accumulation	Not expected to bioaccumualte
Mobility	No information available

Section 13 - Disposal Considerations

Waste Disposal Methods

Waste disposal of substance: Dispose of contents/container in accordance with local/regional/national regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste under RCRA.
Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 - Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT – Not Regulated
DOT Proper Shipping Name: Paint Related Material Non Hazardous
DOT Hazard Class: Not Regulated
DOT UN/NA Number: Not Regulated

This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS

Section 15 - Regulatory Information

FEDERAL REGULATIONS:
This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200
CERCLA - SARA Hazard Category
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
None
SARA 302 Extremely Hazardous Material: No
SARA 304 CERCLA Product

Chemical Name	CAS Number	Pct by Wt.	RQ (lbs)

This product contains no known chemicals regulated under SARA 302/304.
SARA 311/312 Not Hazardous
Acute Health Hazard
SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements in section 313 of SARA.

Name	CAS-No.

This product contains no known chemicals regulated under SARA 313.
State Regulations

New Jersey right-to-know:	
Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4

Pennsylvania right-to-know:	
Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
dipropylene glycol monomethyl ether	34590-94-8

California Proposition 65 Carcinogens
Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS-No.

No Proposition 65 carcinogens exist in this product.

California Proposition 65 Reproductive Toxins
Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.
No Proposition 65 Reproductive Toxins exist in this product.

Toxic Substances Control Act:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:
No TSCA 12(b) components exist in this product.

Country	Regulatory list	Notification
USA	TSCA	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
EU	EINECS	This product, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Canada	DSL	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
Australia	AICS	This product, or its components, are listed on or are exempt from the Australian Chemical Substance List (AICS).
Japan	ENCS	This product, or its components, are not listed on or are exempt from the Japanese Chemical Substance List (ENCS)
South Korea	ECL	This product, or its components, are not listed on or are exempt from the Korean Chemical Substance List (ECL).
China	SEPA	This product, or its components, are listed on or are exempt from the Chinese Chemical Substance List (SEPA).
Philippines	PICCS	This product, or its components, are not listed on or are exempt from the Philippine Chemical Substance List (PICCS).

No other Regulatory Information!

Section 16 - Other Information

HMIS® Hazard Ratings: Health - 2, Flammability - 1, Physical Hazard – 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

Prepared By Environmental, Health and Safety Department
Email: info@espinc.us

Creation Date 11/06/15
Revision Date
Print Date 11/06/15

replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer
The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
NON-WARRANTY: Any recommendation of Giani, Inc. contained herein covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however, Giani, Inc. makes no warranty or representation with respect thereto. Use or application of any Giani, Inc. product is at the discretion of the Buyer without liability or obligation whatsoever of Giani, Inc.

Date: 08/17/17

SAFETY DATA SHEET

SDS PREPARATION DATE: 08/17/2017, Version 1

Section 1 - Identification

GHS product identifier	:	HONEY OAK
Chemical name	:	Mixture
Synonyms	:	Coatings
Product type	:	
Material use	:	Paint and Coatings
Supplier's details	:	Giani, Inc.
ADDRESS		2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887

Section 2 – Hazardous Identification

GHS Classification
According to Regulation 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
No need for classification according to GHS criteria for this product.

Physical hazards Serious Eye Damage - Category 1
Health hazards Not Classified
Environmental hazards Not Classified
Label Elements

Signal Word
Danger

Hazard Statements:
H318 Causes serious eye damage.

Precautionary Statements: **Disposal**
P501 Dispose of contents/container according to applicable local, national, and international regulations.

Precautionary Statements: Prevention
P233 Keep container tightly closed.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.

Precautionary Statements: Response
P303+P361+P353 If on skin (or hair): Rinse skin with water/shower.
P370+P378 In case of fire: use recommended media to extinguish.
P304+P340 If Inhaled: Remove person to fresh air and keep comfortable for breathing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P312 Call a POISON CONTROL CENTER/doctor if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (see supplemental first aid instruction on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary Statements: Storage
P403+P235 Store in a well-ventilated place. Keep cool.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified
No specific dangers known, if the regulations/notes for storage and handling are considered

Section 3 – Composition/information on ingredients

Component	Concentration	CAS number	GHS Symbols	GHS Statements
Water	50.14 - 54.14%	7732-18-5	N.A.	N.A
Vehicle	14.93 - 18.93%	Non-Hazardous Proprietary	N.A.	N.A.
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	00.18 - 04.18%	9014-85-1	GHS05	H318
Polypropylene glycol	00.18 - 00.48%	25322-69-4	N.A.	N.A.
Propylene glycol	03.08 - 07.08%	57-55-6	N.A.	N.A.
Dipropylene glycol monomethyl ether	00.98 - 04.98%	34590-94-8	N.A.	N.A.
Titanium Dioxide	17.51 - 21.51%	13463-67-7	N.A.	N.A.
C.I. Pigment Yellow 42	00.37 - 04.37%	51274-00-1	N.A.	N.A.
Red Iron Oxide (Fe2O3)	00.07 - 01.07%	1309-37-1	N.A.	N.A.
Carbon Black (amorphous)	00.06% - 01.00%	1333-86-4	N.A.	N.A.
Bentonite	00.15 - 00.55%	1302-78-9	N.A.	N.A.
Ammonium Hydroxide	00.10 - 00.50%	1336-21-6	GHS05, GHS07	H302, H314, H335
Polyethylene Glycol Diolate	00.03 - 00.43%	25322-68-3	N.A.	N.A.
Amorphous silicon dioxide, chemically prepared	00.48 - 00.88%	7631-86-9	N.A.	N.A.
Magnesium hexafluorosilicate	00.02 - 00.06%	16949-65-8	GHS05, GHS06	H301, H318
Hydrocarbon wax	00.07 - 00.47%	8002-74-2	N.A.	N.A.
Silane,dichlorodimethyl-,reaction products with silica	00.01 - 00.04%	68611-44-9	N.A.	N.A.

All concentrations are percent by weight
The identity of components and / or exact percentage composition may have been withheld as a trade secret.

Section 4 - First Aid Measures

Description of first aid measures

General advice: Remove contaminated clothing
If inhaled: Remove the affected individual into fresh air and keep the person calm. Seek medical attention.
If on skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.
If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and affects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media CO2, dry powder, dry sand, foam.
Unsuitable Extinguishing Media Water in a jet
Flash Point 75 °C / 167 °F
Autoignition Temperature 207 °C / 405 °F
Explosion Limits Not determined
Upper 14 vol%

Lower 01.1 vol%
Sensitivity to Mechanical Impact None expected
Sensitivity to Static Discharge None expected
Specific Hazards Arising from the substance or mixture
Hazards during fire-fighting:
Harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective Equipment and Precautions for Firefighters
Firefighters should be equipped with self-containing breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

NFPA

Health	Flammability	Instability	Physical hazards
2	1	0	

Section 6 - Accidental Release Measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

Personal Precautions Use personal protective clothing.

Environmental Precautions Do not discharge into drains/surface waters/ground water.

Methods for Containment and Clean up For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbent material in accordance with regulations.
For large amounts: Pump off product.

Section 7 - Handling and Storage


Handling

Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using, do not eat, drink or smoke. Avoid release to the environment.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Keep from freezing.

Section 8 - Exposure Controls, Personal Protection

Ingredients Occupational exposure limits:

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Polyethylene Glycol	N.E.	N.E.	N.E.	N.E.
Ammonium Hydroxide	18 mg/m3	27 mg/m3	35 mg/m3	N.E.
Bentonite	3 mg/m3(Respirable particles)	N.E.	5 mg/m3(Respirable fraction)	N.E.
Propylene glycol	N.E.	N.E.	N.E.	N.E.
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	N.E.	N.E.	N.E.	N.E.
Polypropylene glycol	N.E.	N.E.	N.E.	N.E.
Magnesium hexafluorosilicate	N.E.	N.E.	2.5 mg/m3	N.E.
Amorphous silicon dioxide Chemically prepared	5 mg/m3	N.E.	2 mg/m3	N.E.
Dipropylene glycol Monomethyl ether	100 ppm	150 ppm	600 mg/m3	N.E.
Carbon Black (amorphous)	3 mg/m3 (inhalable dust)	N.E.	3.5 mg/m3 (inhalable dust)	N.E.
Red Iron Oxide (Fe2O3)	5 mg/m3	N.E.	10 mg/m3	N.E.
Titanium Dioxide	10 mg/m3	N.E.	15 mg/m3 (dust)	N.E.
C.I. pigment yellow 42	5 mg/m3 (respirable dust)	N.E.	5 mg/m3 (respirable dust)	N.E.

Personal Protective Equipment

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Chemical resistant protective gloves.

Eye Protection: Wear safety glasses with side shields (or goggles).

Other Protective Equipment: Wear protective clothing as necessary to minimize contact..

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Appearance	Light Brown
Odor	odorless
Odor Threshold	No information available
pH	8.5 – 9.5
Melting Point/Range	No information available
Boiling Point/Range	100 °C / 212 °F
Flash Point (closed cup Setaflash)	75 °C / 167 °F
Evaporation Rate	Slower than ether
Flammability (solid,gas)	N.A.
Flammability or explosive limits	
Upper	14.0 vol%
Lower	01.1 vol%
Vapor Pressure mmHg @ 21°C	not determined
Vapor Density	Heavier than air
Relative Density	1.24
Formula Weight per Volume	10.33 Pound/Gallon
VOC g/l / lb./gallon	207.81 / 1.733
HAPS	0.00%
Percent Volatile by Weight	55.10%
Percent Volatile by Volume	66.40%
Solubility	soluble in water

Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	405 °F / (207 °C)
Decomposition Temperature	*No information available*
Viscosity Krebs unit	78 - 82 ku

Section 10 - Stability and Reactivity

Reactive Hazard	No hazardous reactions if stored and handled as prescribed/indicated.
Oxidizing properties	Not an oxidizer.
Chemical Stability	Stable if stored and handled as prescribed/indicated.
Conditions to Avoid	See SDS section 7 – Handling and storage.
Incompatible Materials	Strong oxidizing agents, Acids, Bases
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO2), Sulfur oxides
Thermal decomposition	Stable up to boiling point.
Hazardous Reactions	No hazardous reactions when stored and handled according to instructions.

Section 11 - Toxicological Information

Effect of Overexposure - Inhalation: No adverse effects due to inhalation are expected.

Effect of Overexposure - Skin Contact: Causes skin irritation. allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Effect of Overexposure - Eye Contact: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Effect of overexposure - Ingestion: This material may be harmful or fatal if swallowed. irritating to mouth, throat and stomach. Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact

STOT - Single Exposure
Based on single exposure toxicity values, not classified.

STOT - Repeated Exposure Target Organs:
Based on repeated exposure toxicity values, not classified.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
1333-86-4	Carbon Black	Not labeled by NTP	Not labeled by OSHA	Group 2B
13463-67-7	Titanium Dioxide	Not labeled by NTP	Not labeled by OSHA	Group 2B

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
57-55-6	Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)
9014-85-1	Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	6,300 (rat)	>2,000 (rabbit)	1 h >20 (rabbit)
34590-94-8	dipropylene glycol monomethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)
25322-69-4	polypropylene glycol	681 (rat)	N.D.	N.D.
1333-86-4	Carbon Black (amorphous)	>8000 (rat)	N.D.	N.D.
1309-37-1	Red Iron Oxide (Fe2O3)	>5000 mg/l (rat)	5500 (rat)	N.D.
13463-67-7	Titanium Dioxide	>5000 (rat)	>5000 (rabbit)	4 h > 6.8 (rat)
1302-78-9	Bentonite	>2000 (rat)	N.D.	>=5.27 (rat)
1336-21-6	Ammonium Hydroxide	350	N.D.	2000
25322-68-3	Polyethylene Glycol	10,000 (rat)	20,000 (rabbit)	6 h >2.5 (rat) dust, mist
7631-86-9	Amorphous silicon dioxide Chemically prepared	>5000 (rat)	>6000 (rabbit)	4 h >140 (rat)
16949-65-8	Magnesium hexafluorosilicate	125 (rat)	>2000 (rat)	4 h 3.6 (rat)
8002-74-2	Hydrocarbon wax	>2000 (rat)	>2000 (rabbit)	N.D.
68611-44-9	Silane,dichlorodimethyl-,reaction products with silica	>5000 (rat)	N.D.	4 h 0.477 (rat)

Section 12 - Ecological Information

Ecotoxicity
Do not flush into surface water or sanitary sewer system.

Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified.

Toxicity to fish (Acute toxicity)	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Low acute toxicity to aquatic invertebrates.
Toxicity to algae (Acute toxicity)	Low toxicity to algae.
Toxicity to fish (Chronic toxicity)	Data not available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	Low chronic toxicity to aquatic invertebrates. Data not available
Toxicity to bacteria (Acute toxicity)	Low toxicity to sewage microbes.
Persistence and Degradability	Expected to be biodegradable
Bioaccumulation/ Accumulation	Not expected to bioaccumualte
Mobility	No information available

Section 13 - Disposal Considerations

Waste Disposal Methods

Waste disposal of substance: Dispose of contents/container in accordance with local/regional/national regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste under RCRA.
Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 - Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT – Not Regulated
DOT Proper Shipping Name: Paint Related Material Non Hazardous
DOT Hazard Class: Not Regulated
DOT UN/NA Number: Not Regulated
This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS

Section 15 - Regulatory Information

FEDERAL REGULATIONS:
This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200
CERCLA - SARA Hazard Category
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
None
SARA 302 Extremely Hazardous Material: No
SARA 304 CERCLA Product

Chemical Name	CAS Number	Pct by Wt.	RQ (lbs)

This product contains no known chemicals regulated under SARA 302/304.
SARA 311/312 Not Hazardous
Acute Health Hazard

SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements in section 313 of SARA.

Name	**CAS-No.**

This product contains no known chemicals regulated under SARA 313.

State Regulations

New Jersey Right-to-Know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
Carbon Black (amorphous)	1333-86-4
Titanium Dioxide	13463-67-7
Red Iron Oxide (Fe2O3)	1309-37-1

Pennsylvania Right-to-Know:

Propylene Glycol	57-55-6
Polypropylene glycol	25322-69-4
Dipropylene glycol monomethyl ether	34590-94-8
Carbon Black (amorphous)	1333-86-4
Titanium Dioxide	13463-67-7
Red Iron Oxide (Fe2O3)	1309-37-1

Massachusetts Right-to-Know:

Carbon Black (amorphous)	1333-86-4
Titanium Dioxide	13463-67-7
Red Iron Oxide (Fe2O3)	1309-37-1

California Proposition 65 Carcinogens

Warning: This product contains, or may contain trace quantities of a substance known to the state of California to cause Cancer not limited to any that may be listed below:

Chemical Name	**CAS-No.**	
Carbon black	1333-86-4	The listing is for carbon black (airborne, unbound particles of respirable size) and does not cover carbon black when it remains within a product matrix.
Titanium Dioxide	13463-67-7	The listing is for titanium dioxide (airborne, unbound particles of respirable size) and does not cover titanium dioxide when it remains within a product matrix.
Quartz	14808-60-7	

California Proposition 65 Reproductive Toxins

Warning: This product contains, or may contain trace quantities of a substance known to the state of California to cause birth defects, or other reproductive hazards not limited to any that may be listed below:

Quartz	14808-60-7

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

Country	Regulatory list	Notification
USA	TSCA	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
EU	EINECS	This product, or its components, are not listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Canada	DSL	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
Australia	AICS	This product, or its components, are listed on or are exempt from the Australian Chemical Substance List (AICS).
Japan	ENCS	This product, or its components, are not listed on or are exempt from the Japanese Chemical Substance List (ENCS)
South Korea	ECL	This product, or its components, are not listed on or are exempt from the Korean Chemical Substance List (ECL).
China	SEPA	This product, or its components, are listed on or are exempt from the Chinese Chemical Substance List (SEPA).
Philippines	PICCS	This product, or its components, are not listed on or are exempt from the Philippine Chemical Substance List (PICCS).

No other Regulatory Information!

Section 16 - Other Information

HMIS® Hazard Ratings: Health - 2, Flammability - 1, Physical Hazard – 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

Prepared By Environmental, Health and Safety Department
Email: info@espinc.us

Creation Date 08/17/17
Revision Date
Print Date 08/17/17

Replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer

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Date: 08/28/17

SAFETY DATA SHEET

SDS PREPARATION DATE: 08/28/2017, Version 1

Section 1 - Identification

GHS product identifier	:	OAK WOOD DOOR STAIN
Chemical name	:	Mixture
Synonyms	:	Stain
Product type	:	
Material use	:	Paint and Coatings Additive
Supplier's details	:	Eagle Specialty Products
ADDRESS		2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887

Section 2 – Hazardous Identification

GHS Classification

Not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Physical hazards

Health hazards	Skin Corrosion/irritation	Category 1
	Skin sensitization	Category 1
	Serious eye damage	Category 1
	Acute toxicity (oral)	Category 4
	Carcinogenicity	Category 1B
	STOT, single exposure (RTI)	Category 3
	STOT, repeated exposure (lungs)	Category 2

Environmental hazards Not Classified

Label Elements

Signal Word
Danger

Hazard Statements

H302	Harmful if swallowed
H 314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements: **Disposal**

P501	Dispose of contents/container according to applicable local, national, and international regulations.

Precautionary Statements: Prevention

P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P260	Do not breathe dust/fumes/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors in a well-ventilated area.

Precautionary Statements: Response

P303+P361+P353	If on skin (or hair): Rinse skin with water/shower.
P370+P378	In case of fire: use recommended media to extinguish.
P304+P340+310	If Inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician.
P301+P310+P331	IF SWALLOWED: Immediately call a POISON CENTER of physician. Rinse mouth. Do NOT induce vomiting.
P302+P361+310	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P312	Call a POISON CONTROL CENTER/doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see supplemental first aid instruction on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P310	Immediately call a POISON CENTER or doctor/physician.

Precautionary Statements: Storage

P403+P235	Store in a well-ventilated place. Keep cool.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Section 3 – Composition/information on ingredients

Component	Concentration	CAS number	GHS Symbols	GHS Statements
C.I. Pigment Red 101	00.10% - 00.50%	1309-37-1	N.A.	N.A.
Umber	00.02% - 04.02%	12713-03-0	N.A.	N.A.
Crystalline Silica	00.05% - 00.59%	14808-60-7	GHS08	H350, H373
Water	74.12% - 78.12%	7732-18-5	N.A.	N.A.
Propylene Glycol	01.72% - 04.72%	57-55-6	N.A.	N.A.
Vehicle	11.84% - 15.844%	Non-Haz Proprietary	N.A.	N.A.
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	00.18% - 00.68%	9014-85-1	GHS05	H318
Polypropylene glycol	00.45% - 05.45%	25322-69-4	N.A.	N.A.
Dipropylene glycol monomethyl ether	00.38% - 04.38%	34590-94-8	N.A.	N.A.
Carbon Black (amorphous)	00.01% - 00.41%	1333-86-4	N.A.	N.A.
Synthetic amorphous silica	00.29% - 00.69%	112926-00-8	N.A.	N.A.
Talc	00.31% - 04.31%	14807-96-6	N.A.	N.A.
C.I. Pigment Yellow 42	00.08 % - 00.48%	51274-00-1	N.A.	N.A.
Ammonium Hydroxide	00.04% - 00.54%	1336-21-6	GHS05, GHS07	H302, H314, H335
Polyether	00.05% - 00.45%	Proprietary	N.A.	N.A.

'Burnt Umbers' / 'Raw Umbers' Naturally occurring mixture of
$Fe_2O_3/MnxOy/SiO_2/Al_2O_3/H_2O$

All concentrations are percent by weight
The identity of components and / or exact percentage composition may have been withheld as a trade secret

Section 4 - First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Skin Contact Wash off immediately with plenty of water for at least 15 minutes.
Inhalation Move to fresh air. If breathing is difficult, give oxygen. Obtain medical attention.
Ingestion Do not induce vomiting. Obtain medical attention.
Notes to Physician Treat symptomatically, Following severe exposure medical follow-up should be monitored for at least 48 hours.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media	CO 2, dry chemical, dry sand, foam.
Unsuitable Extinguishing Media	Water in a jet
Flash Point	75 °C / 167 °F
Autoignition Temperature	170 °C / 338 °F
Explosion Limits	
Upper	14.0 vol%
Lower	1.1 vol%
Sensitivity to Mechanical Impact	None expected
Sensitivity to Static Discharge	None expected

Specific Hazards Arising from the Chemical
Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products
Carbon monoxide (CO) Carbon dioxide (CO2)
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health	Flammability	Instability	Physical hazards
2	1	0	

Section 6 - Accidental Release Measures

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.
Environmental Precautions	Avoid release to the environment. See Section 12 for additional ecological information.
Methods for Containment and Clean up	Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage


Handling

Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using, do not eat, drink or smoke. Avoid release to the environment.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. **Keep from freezing.**

Section 8 - Exposure Controls, Personal Protection

Ingredients Occupational exposure limits:

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Red Iron Oxide A4	5 mg/m3 (8 hr)	N.E.	10 mg/m3 (8 hr)	N.E.
Crystalline Silica A2	0.025 mg/m3			
Dipropylene glycol Monomethyl ether	100 ppm	150 ppm	600 mg/m3	N.E.
Talc	2 mg/m3	N.E.	2 mg/m3 (Respirable fraction)	N.E.
Carbon Black (amorphous)	3 mg/m3 (inhalable dust)	N.E.	3.5 mg/m3 (inhalable dust)	N.E.
Pigment Red 101	5 mg/m^3 (respirable dust)	N.E.	5 mg/m^3 (respirable dust)	N.E.
Silicon Dioxide (amorphous)	N.E.	N.E.	20 mppcf	N.E.
Tetramethyl-5-decyne -4,7-diol,2,4,7,9	N.E.	N.E.	N.E.	N.E.
Polyether	N.E.	N.E.	N.E.	N.E.
Pigment Yellow 42	5 mg/m^3 (respirable dust)	N.E.	5 mg/m^3 (respirable dust)	N.E.
Carbon Black	3 mg/m^3 (respirable dust)	N.E.	3.5 mg/m^3 (respirable dust)	N.E.
Bentonite	3 mg/m^3 (respirable dust)	N.E	5 mg/m^3 (respirable dust)	5 mg/m^3 (respirable dust)
Ammonium Hydroxide	18 mg/m3	27 mg/m3	35 mg/m3	N.E.

A2 = Suspected Human Carcinogen.
A4 = Not Classifiable as a Human Carcinogen.

Legend: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protective Equipment
Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Respiratory Protection: No special respiratory protection equipment is recommended under anticipated conditions of normal use. However a NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Not normally considered a skin hazard. The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Rubber, nitrile or neoprene to prevent skin contact. Wear chemical resistant gloves such as polyvinyl alcohol. If splashing is likely, wear impervious clothing and boots to prevent repeated or prolonged skin contact. Contact your supplier of PPE for additional instruction on proper use. Additionally, Viton and Safety 4H (Canada) to prevent skin contact.

Eye Protection: Wear safety glasses with side shields (or goggles) when eye contact due to splashing or spraying liquid is possible.

Other Protective Equipment: No special clothing/skin protection equipment is recommended under normal conditions of anticipated use. Where use can result in skin contact, practice good personal hygiene.

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Appearance	Brown
Odor	odorless
Odor Threshold	No information available
pH	8.5 – 9.5
Melting Point/Range	No information available
Boiling Point/Range	100 °C / 212 °F
Flash Point (closed cup Setaflash)	75 °C / 167 °F
Evaporation Rate	Slower than ether
Flammability (solid,gas)	N.A.
Flammability or explosive limits	
Upper	14.0 vol%
Lower	01.1 vol%
Vapor Pressure mmHg @ 21°C	not determined
Vapor Density	Heavier than air
Relative Density	1.04

Formula Weight per Volume	8.68 Pound/Gallon
VOC g/l / lb./gallon	229.04 / 1.910
HAPS	0.00%
Percent Volatile by Weight	79.05%
Percent Volatile by Volume	82.30%
Solubility	soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	170 °C / (338 °F)
Decomposition Temperature	*No information available*
Viscosity Krebs unit	96 -101 ku

Section 10 - Stability and Reactivity

Reactive Hazard None known, based on information available

Stability Stable under normal conditions.

Conditions to Avoid Heat, flames and sparks. Ignition sources. Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

Incompatible Materials Strong oxidizing agents, Acids, Bases

Hazardous Decomposition Products Carbon monoxide (CO), Carbon dioxide (CO2) , oxides of nitrogen, Ammonia

Hazardous Polymerization Hazardous polymerization does not occur.

Hazardous Reactions None under normal processing.

Section 11 - Toxicological Information

Effect of Overexposure - Inhalation: No adverse effects due to inhalation are expected.

Effect of Overexposure - Skin Contact: Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Effect of Overexposure - Eye Contact: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Effect of overexposure - Ingestion: This material may be harmful or fatal if swallowed. irritating to mouth, throat and stomach. Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact

STOT - Single Exposure Target Organs: RTI
Based on single exposure toxicity values, classified Category 3.

STOT - Repeated Exposure Target Organs: Lungs
Based on repeated exposure toxicity values, classified Category 2.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
238-877-9	Talc	Not labeled by NTP	Not labeled by OSHA	Group 3

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
57-55-6	Propylene Glycol	> 5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)
1309-37-1	Red Iron Oxide	> 5000 mg/l (rat)	5500 (rat)	
9014-85-1	Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)
34590-94-8	Dipropylene glycol monomethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)
25322-69-4	Polypropylene glycol	681 (rat)	N.D.	N.D.
1333-86-4	Carbon Black (amorphous)	>8000 (rat)	N.D.	N.D.
238-878-4	Quartz	500 (rat0	N.D	N.D.
238-877-9	Talc			
1309-37-1	Pigment Red 101	>2000 (rat)	No data available	No data available
68611-44-9	Silicon Dioxide	>5000 (rat)	Non-irritating (rabbit)	4h 0.477 (rat)
126-86-3	Tetramethyl-5-decyne -4,7-diol,2,4,7,9	>2000 (rat)	>2000 (rat)	1h >20 (rat)
Proprietary	Polyether	>500-2000 (rat)	>2000 (rabbit)	No data available
51274-00-1	Pigment Yellow 42	>2000 (rat)	No data available	No data available
1333-86-4	Carbon Black	>8000 (rat)	non-irritating (rabbit)	no data available
1302-78-9	Bentonite	>2000 (rat)	non-irritating (rabbit)	>=5.27 (rat)
1336-21-6	Ammonium Hydroxide	350	N.D.	2000
25322-68-3	Polyethylene Glycol	10,000 (rat)	20,000 (rabbit)	6 h >2.5 (rat) dust, mist

* INHALATION: Breathing silica dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects: Silicosis: Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop mycobacterial infections (tuberculous and non-tuberculous) and fungal infections. Inhalation of air with a very high concentration of respirable silica dust can cause the most serious forms of silicosis in a matter of months or a few years. Some epidemiologic studies have concluded that there is a significant risk of developing silicosis even at airborne exposure levels that are equal to the recommended NIOSH REL, the ACGIH TLV, the OSHA PEL and the MSHA Exposure Limit. Cancer Status: The International Agency for Research on Cancer has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1 - carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (published in June 1997) in conjunction with the use of these materials. The National Toxicology Program classifies respirable crystalline silica as “known to be a human carcinogen”. Refer to the Eleventh Report on Carcinogens (2005). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (A2). Other Data with Possible Relevance to Human Health: There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) rheumatoid arthritis, systemic lupus, erythematosus, sarcoidosis, chronic bronchitis, chronic obstructive pulmonary disease (COPD), emphysema, chronic kidney disease and end-stage renal disease.

Section 12 - Ecological Information

Ecotoxicity
Do not flush into surface water or sanitary sewer system.

Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified.

Toxicity to fish (Acute toxicity)	Low acute toxicity to fish
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	Low acute toxicity to aquatic invertebrates.
Toxicity to algae (Acute toxicity)	Low toxicity to algae.
Toxicity to fish (Chronic toxicity)	Data not available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	Low chronic toxicity to aquatic invertebrates. Data not available
Toxicity to bacteria (Acute toxicity)	Low toxicity to sewage microbes.
Persistence and Degradability	Expected to be biodegradable
Bioaccumulation/ Accumulation	Not expected to bioaccumualte
Mobility	No information available

Section 13 - Disposal Considerations

Waste Disposal Methods **Hazardous waste code** Dispose of contents/container in accordance with local/regional/national/international regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14 - Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT – Not Regulated
DOT Proper Shipping Name: Paint Related Material Non Hazardous
DOT Hazard Class: Not Regulated
DOT UN/NA Number: Not Regulated
This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS

Section 15 - Regulatory Information

FEDERAL REGULATIONS:
This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA Hazard Category
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
None

SARA 302 Extremely Hazardous Material: No
SARA 304 CERCLA Product

Chemical Name	CAS Number	Pct by Wt.	RQ (lbs)

This product contains no known chemicals regulated under SARA 302/304.
SARA 311/312 Hazardous
Based upon available information, this material is not classified as a health and/or physical hazard according to Section 311 & 312.
SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements in section 313 of SARA.

Name	CAS-No.

State Regulations

New Jersey Right-to-Know:	CAS No.
Propylene Glycol	57-55-6
C.I. Pigment Red 101	1309-37-1
Crystalline Silica	14808-60-7
Calcium Carbonate	1317-65-3
Polypropylene glycol	25322-69-4
Talc	14807-96-6
Carbon Black (amorphous)	1333-86-4

Pennsylvania Right-to-Know:

Propylene Glycol	57-55-6
C.I. Pigment Red 101	1309-37-1
Crystalline Silica	14808-60-7
Calcium Carbonate	1317-65-3
Polypropylene glycol	25322-69-4
Dipropylene glycol monomethyl ether	34590-94-8
Talc	14807-96-6
Carbon Black (amorphous)	1333-86-4

Massachusetts Right-to-Know:

C.I. Pigment Red 101	1309-37-1
Crystalline Silica	14808-60-7
Calcium Carbonate	1317-65-3
Talc	14807-96-6
Carbon Black (amorphous)	1333-86-4

Rhode Island Right-to-Know:

C.I. Pigment Red 101	1309-37-1
Crystalline Silica	14808-60-7
Calcium Carbonate	1317-65-3

Minnesota Right-to-Know:

C.I. Pigment Red 101	1309-37-1
Crystalline Silica	14808-60-7
Calcium Carbonate	1317-65-3

California Proposition 65 Carcinogens
Warning: This product contains, or may contain trace quantities of a substance known to the state of California to cause Cancer not limited to any that may be listed below:

Chemical Name	CAS-No.
Methyl iso-butyl Ketone	108-10-1
Quartz	14808-60-7
Carbon black	1333-86-4 The listing is for carbon black (airborne, unbound particles of respirable size) and does not cover carbon black when it remains within a product matrix.

California Proposition 65 Reproductive Toxins
Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Methyl iso-butyl Ketone	108-10-1

Toxic Substances Control Act:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:
No TSCA 12(b) components exist in this product.

Country	Regulatory list	Notification
USA	TSCA	This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
EU	EINECS	This product, or its components, are not listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Canada	DSL	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
Australia	AICS	This product, or its components, are listed on or are exempt from the Australian Chemical Substance List (AICS).
Japan	ENCS	This product, or its components, are not listed on or are exempt from the Japanese Chemical Substance List (ENCS)
South Korea	ECL	This product, or its components, are not listed on or are exempt from the Korean Chemical Substance List (ECL).
China	SEPA	This product, or its components, are listed on or are exempt from the Chinese Chemical Substance List (SEPA).
Philippines	PICCS	This product, or its components, are not listed on or are exempt from the Philippine Chemical Substance List (PICCS).

No other Regulatory Information!

Section 16 - Other Information

HMIS® Hazard Ratings: Health - 2, Flammability - 1, Physical Hazard – 0
HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

Prepared By Environmental, Health and Safety Department
Email: info@espinc.us

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Replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer
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