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Date: 11/6/15

SAFETY DATA SHEET

		SAFETT DATA SHEET
	SDS PREP	ARATION DATE: 11/6/2015, Version 1
Section 1 - Identification		
GHS product identifier Chemical name Synonyms Product type Material use		Ironcore Black Primer Mixture Coatings Paint and Coatings
Supplier's details ADDRESS	:	Giani, Inc. 2216 North Broadway St. Louis, MO 63102 Information (314) 241-7771
Emergency telephone number	:	CHEMTREC 800-424-9300 or 703-527-3887
GHS Classification	HA Hazard Com	munication Standard (29 CFR 1910.1200) ia for this product.
Physical hazards Health hazards Environmental hazards	Not Classifi Not Classifi Not Classif	ied
Label Elements		

Warning

Hazard Statements

Hazard Statement	5.
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
Precautionary Sta	tements: Disposal
P501	Dispose of contents/container according to applicable local, national, and international
	regulations.
Precautionary Sta	tements: 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 Statemer	nts: 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	on/information on ingre			
Component Water	Concentration 64.71% - 69.71%	CAS number 7732-18-5	GHS Symbols N.A.	GHS Statements N.A
Vehicle	19.24% - 24.24%	non-hazardous proprietary	v N.A.	N.A.
Tetramethyl-5-decyne -4,7-Diol, 2,4,7,9-,	00.19% - 00.99%	126-86-3	GHS05, GHS07	H302-315-317-31
Ethoxylated 2,4,7,9- tetramethyl 5 decyn-4,7-	00.68% - 01.68% -diol	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 Unsuitable Extinguishing Media Flash Point Autoignition Temperature Explosion Limits Upper Lower Sensitivity to Mechanical Impact Sensitivity to Static Discharge

CO2, dry powder, dry sand, foam. Water in a jet 75 °C / 167 °F 207 °C / 405 °F Not determined 14.0 vol% 1.1 vol% None expected None expected

	DATE: 11	/6/2015	COMPANY NAME: G	IANI, Inc.	PRODUCT CODE: IRONCORE BL	ACK PRIMER	Page 2
Hazards during fire-fightir Harmful vapors Evolution of fumes/fog. T Protective Equipment a	ne substances/groups of s nd Precautions for Firef	substances mentioned can	n be released in case of fire.		exposure limits. Protection provided by respirator if there is any potential for an circumstances where air purifying respi	air purifying respirators is limited uncontrolled release, exposure rators may not provide adequate	
Further information:		g breathing apparatus and	·				
•	ng water must be dispose	ed of in accordance with of	ticial regulations.		Skin Protection: Chemical resistant pr	otective gloves.	
NFPA Health 2	Flammab 1	ility Instabilit 0	ty Physical I	nazards	Eye Protection: Wear safety glasses w	vith side shields (or gogales).	
Section 6 - Accidental F							
High risk of slipping due t		luct.			Other Protective Equipment: Wear pr	otective clothing as necessary to	o minimize contact
Personal Precautions		Use personal protectiv	e clothing.				
Environmental Precauti Methods for Containme		For small amounts: Pic	drains/surface waters/ground ck up with absorbent materia	(e.g. sand, sawdust,	in a well ventilated area. Follow all SDS product residues. Avoid prolonged or re	Alabel precautions even after co	d clothing and wash before reuse. Use only ntainer is emptied because they may retain breathing vapors from heated material. Avoi
		general-purpose binde regulations. For large amounts: Pu	er). Dispose of absorbent mat	erial in accordance with	contact with eyes, skin, and clothing. Section 9 - Physical and Chemical Pr		
		•			Physical State	Liquid	
Section 7 - Handling an	d Storage				Appearance	Black	
~					Odor Odor Threshold	odorless No information available	
					pH	8.0 – 10.50	
					Melting Point/Range	No information available	
					Boiling Point/Range	100 °C / 212 °F	
Handling					Flash Point (closed cup Setaflash)		
J		Wear personal protect	ive equipment. Do not breath	e	Evaporation Rate	Slower than ether	
		gas/fumes/vapor/spray	 Avoid contact with eyes, sk 	in, and clothing. Do not	Flammability (solid,gas)	N.A.	
			d prolonged exposure. Use o		Flammability or explosive limits Upper	14.0 vol%	
			oughly after handling. DO NC		Lower	1.1 vol%	
			ources of heat or sources of i		Vapor Pressure mmHg @ 21°C	not determined	
			hen using, do not eat, drink o	or smoke. Avoid release	Vapor Density	Heavier than air	
		to the environment.			Relative Density	1.24	
Storage		Store in accordance w	ith local regulations. Store in	original container	Formula Weight per Volume	10.34 Pound/Gallon	
			unlight in a dry, cool and wel		VOC g/l / lb./gallon	91.96 / 0.77	
			erials (see Section 10) and for		HAPS	0.00%	
			Is. Keep container tightly close		Percent Volatile by Weight Percent Volatile by Volume	51.57% 61.30%	
			ers that have been opened n		Solubility	soluble in water	
			event leakage. Do not store in inment to avoid environment		Partition coefficient; n-octanol/water		
		Keep from freezing.	inment to avoid environmenta	ai contamination.	Autoignition Temperature	405 °F / (207 °C)	
		neep nom neezing.			Decomposition Temperature Viscosity Krebs unit	No information available	
Section 8 - Exposure Co	ontrols, Personal Protec					60 – 80 ku	
Ingredients Occupation					Reactive Hazard		ed and handled as prescribed/indicated.
Chemical Name Calcium Carbonate	ACGIH TLV-TWA N.D.	ACGIH-TLV STEL N.D	OSHA PEL-TWA 5 mg/m3 (respirable fraction	OSHA PEL-CEILING) N.D.	Oxidizing properties	Not an oxidizer.	
Ammonium Hydroxide	18 mg/m3	27 mg/m3	35 mg/m3	N.D.	Chemical Stability	Stable if stored and handled as	s prescribed/indicated.
Dipropylene glycol	100 ppm	150 ppm	600 mg/m3	N.D.	Conditions to Avoid	See SDS section 7 – Handling	and storage.
Monomethyl ether					Incompatible Materials	Strong oxidizing agents, Acids	, Bases
carbon black	3.0 mg/m3 inhalable	N.D.	3.5 mg/m3 inhalable	N.D.	Hazardous Decomposition Products	Carbon monoxide (CO) Carbo	n dioxide (CO2). Sulfur oxides
Personal Protective Equ	lipment				Thermal decomposition	Stable up to boiling point.	

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or

DATE: 11	./6/2015 COMPANY	NAME: GIANI,	, Inc. PRODU	CT CODE: IRONCORE	BLACK PRIMER	Page 3

PRODUCT CODE .

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DATE: 11/C/2010

_____ Section 11 - Toxicological Information Section 13 - Disposal Considerations Effect of Overexposure - inhalation: No adverse effects due to inhalation are expected. Ŕ 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). 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 Effect of Overexposure - eye contact: liquid, aerosols and vapors of this product are irritating and can cause pain, discarded chemical is classified as a hazardous waste under RCRA. tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Effect of overexposure - ingestion: this material may be harmful or fatal if swallowed. irritating to mouth, throat and Section 14 - Transport Information stomach Primary route(s) of entry: eve contact, ingestion, inhalation, skin absorption, skin contact Important Note: Shipping descriptions may vary based on mode of transport, guantities, package size, and/or origin and destination. STOT - Single Exposure Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation. Based on single exposure toxicity values, not classified. DOT - Not Regulated DOT Proper Shipping Name: Paint Related Material Non Hazardous DOT Hazard Class: Not Regulated STOT - Repeated Exposure Target Organs: DOT UN/NA Number: Not Regulated Based on repeated exposure toxicity values, not classified. This material is not regulated as a dangerous good and can be shipped as a NON HAZARDOUS 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 %. Section 15 - Regulatory Information FEDERAL REGULATIONS: CAS-No. Name NTP OSHA IARC 1333-86-4 This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200 Carbon Black Not labeled by NTP Not labeled by OSHA 2B CERCLA - SARA Hazard Category This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to 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 meet the following categories: None SARA 302 Extremely Hazardous Material: No Acute Toxicity Values SARA 304 CERCLA Product The acute effects of this product have not been tested. Data on individual components are tabulated below: Chemical Name CAS Number Pct by Wt. RQ (lbs) This product contains no known chemicals regulated under SARA 302/304. CAS-No. Oral LD50 (mg/kg) Dermal LD50 (mg/kg) Vapor LC50 (mg/L) Name SARA 311/312 Not Hazardous Acute Health Hazard 57-55-6 Propylene Glycol >5000 (rat) >2000 (rabbit) 4 h > 20 (rat)SARA (313) Components in concentrations above the de minimus levels that are listed as toxic chemicals in 40 CFR Part 372 No data available 1333-86-4 Carbon Black >8000 (rat) No data available 126-86-3 Tetramethyl-5-decyne >2,000 (rat) > 2,000 (rat) 1 h >20 (rat) pursuant to the requirements in section 313 of SARA. Name CAS-No -4,7-Diol, 2,4,7,9-, This product contains no known chemicals regulated under SARA 313. 9014-85-1 Ethoxylated 2,4,7,9-6,300 (rat) > 2,000 (rabbit) 1 h >20 (rabbit) tetramethyl 5 decyn-4,7-diol State Regulations >2,000 (rat) New Jersey right-to-know: 1302-78-9 bentonite No data available >= 5.27 (rat) Propylene Glycol 57-55-6 34590-94-8 dipropylene glycol monomethyl ether >5,000 (rat) 9510 mg/kg (rabbit) 7 h 3.35 mg/l (rat) Carbon Black 1333-86-4 Polypropylene glycol 25322-69-4 _____ Section 12 - Ecological Information Talc 14807-96-6 Ecotoxicity Pennsylvania right-to-know: Do not flush into surface water or sanitary sewer system. Propylene Glycol 57-55-6 Carbon Black 1333-86-4 Ecotoxicity Toxic to aquatic life. Based on acute aquatic toxicity values, not classified. Calcium Carbonate 1317-65-3 Polypropylene glycol 25322-69-4 Toxicity to fish (Acute toxicity) Low acute toxicity to fish 14807-96-6 Talc dipropylene glycol monomethyl ether 34590-94-8 Low acute toxicity to aquatic invertebrates. Toxicity to daphnia and other aquatic invertebrates (Acute Massachusetts right-to-know: toxicity) Carbon Black 1333-86-4 Calcium Carbonate 1317-65-3 Toxicity to algae (Acute toxicity) I ow toxicity to algae Talc 14807-96-6 Toxicity to fish (Chronic toxicity) Data not available Minnesota right-to-know: Calcium Carbonate 1317-65-3 Toxicity to daphnia and other Low chronic toxicity to aquatic invertebrates. aquatic invertebrates (Chronic California Proposition 65 Carcinogens toxicity) Data not available Warning: The following ingredients present in the product are known to the state of California to cause Cancer: Chemical Name CAS-No Toxicity to bacteria (Acute Low toxicity to sewage microbes. Carbon Black 1333-86-4 The listing is for carbon black (airborne, unbound toxicity) particles of respirable size) and does not cover carbon black when it remains within a product matrix. Persistence and Degradability Expected to be biodegradable **California Proposition 65 Reproductive Toxins Bioaccumulation/Accumulation** Not expected to bioaccumualte Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other Mobility No information available 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 Revision Date	11/06/15
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.

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SAFETY DATA SHEET

	SDS PREPARATION DATE: 11/6/2015, Version 1
Section 1 - Identification	
GHS product identifier Chemical name	: Black Onyx : 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 num	ber : CHEMTREC 800-424-9300 or 703-527-3887
Section 2 – Hazardous Ide	entification
GHS Classification According to Regulation 20	12 OSHA Hazard Communication Standard (29 CFR 1910.1200)
No need for classification a	ccording to GHS criteria for this product.
Physical hazards	Serious Eye Damage - Category 1
Health hazards	Not Classified
Environmental hazards	Not Classified
Label Elements	•
Label Elements	
Signal Word Danger	
Signal Word Danger Hazard Statement:	
Signal Word Danger Hazard Statement: H316	Causes mild skin irritation.
Signal Word Danger Hazard Statement: H316 H318	Causes serious eye damage
Signal Word Danger Hazard Statement: H316 H318 H320	Causes serious eye damage Causes eye irritation.
Signal Word Danger Hazard Statement: H316 H318 H320 H335	Causes serious eye damage Causes eye irritation. May cause respiratory irritation.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements	Causes serious eye damage Causes eye irritation. May cause respiratory irritation.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. :: Disposal Dispose of contents/container according to applicable local, national, and international regulations.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. s: Disposal Dispose of contents/container according to applicable local, national, and international regulations. s: Prevention
Signal Word Danger Hazard Statement: H316 H320 H335 Precautionary Statements P501 Precautionary Statements P233	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. s: Dispose of contents/container according to applicable local, national, and international regulations. s: Prevention Keep container tightly closed.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P233 P280	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. :: Disposal Dispose of contents/container according to applicable local, national, and international regulations. :: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P233 P280 P261	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. s: Disposal Dispose of contents/container according to applicable local, national, and international regulations. s: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P233 P280 P261	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. :: Disposal Dispose of contents/container according to applicable local, national, and international regulations. :: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P280 P280 P281 P261 P264 Precautionary Statements	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. 5: Disposal Dispose of contents/container according to applicable local, national, and international regulations. 5: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. 5: Response
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P261 P261 P264 Precautionary Statements P264 Precautionary Statements P303+P361+P353	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. 5: Disposal Dispose of contents/container according to applicable local, national, and international regulations. 5: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. 5: Response If on skin (or hair): Rinse skin with water/shower.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P233 P280 P281 P280 P281 P281 P280 P281 P280 P281 P280 P281 P283 P280 P281 P283 P280 P281 P283 P280 P281 P283 P283 P280 P281 P283 P280 P281 P283 P283 P283 P283 P283 P283 P283 P283	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. s: Disposal Dispose of contents/container according to applicable local, national, and international regulations. s: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. s: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P280 P280 P280 P280 P281 P280 P264 Precautionary Statements P303+P361+P353 P370+P378 P304+P340	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. 5: Disposal Dispose of contents/container according to applicable local, national, and international regulations. 5: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. 5: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing.
Signal Word Danger Hazard Statement: H316 H318 H320 Precautionary Statements P501 Precautionary Statements P261 P261 P264 Precautionary Statements P303+P361+P353 P304+P378 P304+P340 P304+P340 P303+P313	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. 5: Disposal Dispose of contents/container according to applicable local, national, and international regulations. 5: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. 5: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P233 P280 P281 P261 P261 P261 P261 P261 P261 P261 P26	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. s: Disposal Dispose of contents/container according to applicable local, national, and international regulations. s: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. s: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P280 P280 P281 P280 P281 P284 Precautionary Statements P370+P378 P370+P370+P378 P370+P370+P378 P370+P378	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. 5: Disposal Dispose of contents/container according to applicable local, national, and international regulations. 5: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. 5: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P261 P264 Precautionary Statements P303+P361+P353 P370+P378 P304+P340 P333+P313 P314 P314 P302+P352	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. 5: Disposal Dispose of contents/container according to applicable local, national, and international regulations. 5: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. 5: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water.
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P233 P280 P261 P261 P264 P264 P7004P378 P303+P378 P304+P361+P353 P304+P378 P304+P378 P304+P378 P304+P378 P304+P378 P312 P314 P312 P314 P302+P352 P321	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. S: Disposal Dispose of contents/container according to applicable local, national, and international regulations. S: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. S: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If shair irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. GF ON SKIN: Wash with plenty of soap and water. Specific treatment (see supplemental first aid instruction on this label).
Signal Word Danger Hazard Statement: H316 H318 H320 H335 Precautionary Statements P501 Precautionary Statements P280 P260 P261 P264 Precautionary Statements P303+P361+P353 P304+P378 P304+P378 P304+P314 P314 P312 P314 P312 P314 P314 P314 P314 P333+P313	Causes serious eye damage Causes eye irritation. May cause respiratory irritation. 5: Disposal Dispose of contents/container according to applicable local, national, and international regulations. 5: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. 5: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water.

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.

Section 3 – Compo	sition/information on ingre	rmation on ingredients				
Component Water	Concentration 70.41% - 75.41%	CAS number 7732-18-5	GHS Symbols N.A.	GHS Statements N.A		

Vehicle	19.02% - 23.02%	non-hazardous proprietar	y N.A.	N.A.
Ethoxylated 2,4,7,9- tetramethyl 5 decyn-4,7-d	00.68% - 01.68% iol	9014-85-1	GHS05	H318
Polypropylene glycol	00.09% - 00.59%	25322-69-4	N.A.	N.A.
Propylene glycol	00.59% - 01.59%	57-55-6	N.A.	N.A.
Dipropylene glycol monomethyl ether	01.76% - 03.76%	34590-94-8	N.A.	N.A.
Carbon Black (amorphous	s) 03.34% - 05.34%	1333-86-4	N.A.	N.A.
Talc	03.35% - 04.35%	14807-96-6	N.A.	N.A.
Synthetic amorphous silic	a 00.76% - 01.76%	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.

Sensitivity to Static Discharge

None expected

Unsuitable Extinguishing Media Flash Point Autoignition Temperature Explosion Limits Upper Lower Sensitivity to Mechanical Impact Water in a jet 75 °C / 167 °F 207 °C / 405 °F Not determined 14.0 vol% 1.1 vol% None expected

Specific Hazards Arising from the substance or mixture

P403+P233 Store in a well-ventilated place. Keep container tightly closed. Hazards not otherwise classified

Precautionary Statements: Storage

P403+P235

No specific dangers known, if the regulations/notes for storage and handling are considered

Store in a well-ventilated place. Keep cool.

Health 2	Flammabilit ₎ 1	y Instabi 0	ility Phy	sical hazards		
Section 6 - Accidental Rel	ease Measures					
Further accidental release r High risk of slipping due to l		t.				
Personal Precautions		Use personal protect	tive clothing.			
Environmental Precautior	IS	Do not discharge into	o drains/surface waters/g	round 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 S	Storage					
\bigotimes						
Handling						
		gas/fumes/vapor/spr taste or swallow. Ave ventilation. Wash the near an open flame,	bid prolonged exposure. broughly after handling. I sources of heat or sourc	es, skin, and clothing. Do not		
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 Con		n				
Ingredients Occupational	exposure limits:					
Chemical Name Dipropylene glycol Monomethyl ether	ACGIH TLV-TWA 100 ppm	ACGIH-TLV STEL 150 ppm	OSHA PEL-TWA 600 mg/m3	OSHA PEL-CEILING N.E.		
Talc	2 mg/m3 3 mg/m3 (inhalable dust)	N.E. N.E.	2 mg/m3 (Respirab 3.5 mg/m3 (inhalab			
Carbon Black (amorphous)						
Personal Protective Equip	oment					

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).



1

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

Section 9 - Physical and Chemical Pr	operties
Physical State Appearance Odor Odor Threshold pH Melting Point/Range Boiling Point/Range Flash Point (closed cup Setaflash) Evaporation Rate Flammability (solid,gas) Flammability or explosive limits Upper Lower Vapor Pressure mmHg @ 21°C Vapor Pressure mmHg @ 21°C Vapor Pressure mmHg @ 21°C Vapor Density Formula Weight per Volume VOC g/l / lb./gallon HAPS Percent Volatile by Weight Percent Volatile by Weight Percent Volatile by Volume Solubility Partition coefficient; n-octanol/water	Slower than ether N.A. 14.0 vol% 01.1 vol% not determined Heavier than air 1.06 8.84 Pound/Gallon 99.78 / 0.83 0.00% 73.53% 77.20% soluble in water No data available
Autoignition Temperature	405 °F / (207 °C)
Decomposition Temperature 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	n
	o adverse effects due to inhalation are expected.

Effect of Overexposure - skin contact: causes skin irritation. allergic reactions are possible. prolonged or repeated

DATE: 11/6/2015	COMPANY NAME:	GTANT THC	PRODUCT CODE: BLACK ONYX
DATE. 11/0/2013	COMPANY NAME.	GIANI, INC.	PRODUCT CODE. BLACK UNIA

Page 3

						Section 13 - Disposal Considerat	ions	
				product are irritating and can ca or a feeling like that of fine dust		(\mathfrak{K})		
	erexposure - ingestion: th	nis material ma	y 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						Waste Disposal Methods	local/regional/national re	stance: Dispose of contents/container in accordance with egulations. Chemical waste generators must determine whether assified as a hazardous waste under RCRA.
STOT - Single Based on sing	le Exposure ngle exposure toxicity valu	ies, not classifi	ed.				Container disposal: Di or other means to preve	spose of in a licensed facility. Recommend crushing, puncturir nt unauthorized use of used containers.
						Section 14 - Transport Information		
	eated Exposure peated exposure toxicity v	alues, not clas	Target Organs: sified.			Important Note: Shipping descriptio	ns may vary based on mode	of transport, quantities, package size, and/or origin and destin expert for information specific to your situation.
Carcinogenici	city: The information below	v indicates whe	other each agency has	listed any ingredient as a card	cinogen if present at	DOT – Not Regulated DOT Proper Shipping Name: Paint	Related Material Non Hazard	
levels greater	r than or equal to 0.1 %.		0,	, ,	0	DOT Hazard Class: Not Regulated		
CAS-No. 1333-86-4	Name Carbon Black	Not la	NTP beled by NTP	OSHA Not labeled by OSHA	IARC Group 2B	DOT UN/NA Number: Not Regulated		
						This material is not regulated as a c		
Cancer (IARC		to Humans, G	roup 2A: Probably Car	ciation (OSHA), International A cinogenic to Humans, Group 2		Section 15 - Regulatory Informati	on	
to mumans, e	Stoup 5. Not Glassillable		logenicity to Flumans			FEDERAL REGULATIONS:		
Acute Toxicity		not have toota	d Data an individual a	ampaganta ara tahulatad hala		CERCLA - SARA Hazard Categor		azard Communication Standard (29 CFR 1910.1200
The acute em	rects of this product have	not been teste	u. Data on individual c	omponents are tabulated below	w.	This product has been reviewed ac	cording to the EPA 'Hazard C	ategories' promulgated under Sections 311 and 312 of the
CAS-No.	Name		Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)	Superfund Amendment and Reauth meet the following categories:	orization Act of 1986 (SARA	Title III) and is considered, under applicable definitions, to
57-55-6	Propylene Glycol		>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)	None SARA 302 Extremely Hazardous	Material: No	
	Ethoxylated 2,4,7,9- tetramethyl 5 decyn-4,7-	diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)	SARA 304 CERCLA Product Chemical Name This product contains no known che	CAS Num	
34590-94-8	dipropylene glycol mono	methyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)	SARA 311/312 Not Hazardous Acute Health Hazard	-	
25322-69-4	polypropylene glycol		681 (rat)	N.D.	N.D.	pursuant to the requirements in sec	tion 313 of SARA.	is levels that are listed as toxic chemicals in 40 CFR Part 372
	Carbon Black (amorphot	,	>8000 (rat)	N.D.	N.D.	Name This product contains no known che State Regulations	CAS-No. emicals regulated under SAR/	A 313.
	Ecological Information					New Jersey right-to-know:		
						Propylene Glycol	57-55-6	
Ecotoxicity	into ourfood under or ood					Polypropylene glycol Talc	25322-69- 14807-96-	
Do not hush h	into surface water or sani	tary sewer syst	lem.			Carbon Black (amorphous)	1333-86-4	
Ecotoxicity To	oxic to aquatic life. Based	I on acute aqua	atic toxicity values, not	classified.		Pennsylvania right-to-know:		
Toxicitv to fisl	sh (Acute toxicity)	Low acute to	oxicity to fish			Propylene Glycol	57-55-6	
						Polypropylene glycol	25322-69-	
	aphnia and other tebrates (Acute	Low acute to	oxicity to aquatic inver	tebrates.		dipropylene glycol monomethyl ethe Talc	er 34590-94- 14807-96-	
aquatic inventioxicity)	lebrales (Acule					Carbon Black (amorphous)	1333-86-4	
Foxicity to alg	gae (Acute toxicity)	Low toxicity	to algae.			Massachusetts right-to-know: Talc	14807-96-	6
Toxicity to fisl	sh (Chronic toxicity)	Data not ava	ailable			Carbon Black (amorphous)	1333-86-4	
Toxicity to da	aphnia and other	Low chronic	toxicity to aquatic inve	ertebrates.		California Proposition 65 Carcino		
	tebrates (Chronic	Data not av				Warning: This product contains, or not limited to any that may be listed		of a substance known to the state of California to cause Cance
Toxicity to ba toxicity)	acteria (Acute	Low toxicity	to sewage microbes.			Chemical Name Carbon black	CAS-No. 1333-86-4	
	and Degradability		be biodegradable					particles of respirable size) and does not cover carbon bla when it remains within a product matrix.
Mobility	ation/ Accumulation	Not expecte No informati	d to bioaccumualte on available			California Proposition 65 Reprod Warning: The following ingredients reproductive hazards.		own to the state of California to cause birth defects, or other

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 Revision Date	11/06/15
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.

PRODUCT CODE: PEARL MICA

Section 3 - Composition/information on ingredients

Page 1

Date: 11/6/15

SAFETY DATA SHEET

Section 1 - Identificati	ion	
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 n	number : CHEMTREC 800-424-9300 or 703-527-3887	
Section 2 – Hazardous	s Identification	
GHS Classification		
	n 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)	
	on according to GHS criteria for this product.	
Dhusiaal be-rad-	Cariaua Fue Damaga Catagon 1	
Physical hazards Health hazards	Serious Eye Damage - Category 1 Not Classified	
Environmental hazard	ds Not Classified	
Signal Word		
Label Elements Signal Word Danger Hazard Statement:		
Signal Word Danger Hazard Statement:	Causes serious eve damage	
Signal Word Danger Hazard Statement: H318	Causes serious eye damage	
Signal Word Danger Hazard Statement: H318 Precautionary Statemen	ents: Disposal	
Signal Word Danger Hazard Statement: H318	Disposal Dispose of contents/container according to applicable local, national, and international	
Signal Word Danger Hazard Statement: H318 Precautionary Statemen P501	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P501 Precautionary Statemer	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P501 Precautionary Statemer P233	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P233 P280	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P501 Precautionary Statemer P233	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemen P233 P280 P281 P281 P284	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P201 Precautionary Statemer P201 P264 Precautionary Statemer	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P201 P264 Precautionary Statemer P264 Precautionary Statemer P303+P361+P353	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. nents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. If on skin (or hair): Rinse skin with water/shower.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P233 P280 P261 P264 Precautionary Statemer P303+P361+P353 P370+P378	ents: Disposal	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P230 P260 P261 P264 Precautionary Statemer P303+P361+P353 P304+P340	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P201 Precautionary Statemer P264 P264 Precautionary Statemer P303+P361+P353 P370+P378 P304+P340 P333+P313	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. nents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention.	
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Signal Word Danger Hazard Statement: H318 Precautionary Statemer P230 P260 P261 P264 Precautionary Statemer P303+P361+P353 P370+P378 P304+P340 P333+P313 P312 P314	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P203 P260 P264 P264 Precautionary Statemer P303+P361+P353 P370+P378 P304+P340 P303+P313 P314 P314 P302+P352	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. nents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P233 P280 P261 P264 Precautionary Statemer P303+P361+P353 P370+P378 P304+P340 P331+P313 P331+P313 P314 P302+P352 P321	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see supplemental first aid instruction on this label).	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P203 P260 P264 P264 Precautionary Statemer P303+P361+P353 P370+P378 P304+P340 P303+P313 P314 P314 P302+P352	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. negulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P501 Precautionary Statemer P263 P264 Precautionary Statemer P303+P361+P353 P370+P378 P304+P340 P333+P313 P312 P314 P302+P352 P321 P333+P313 P363	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. nents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. nents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.	
Signal Word Danger Hazard Statement: H318 Precautionary Statemer P233 P280 P261 P264 Precautionary Statemer P303+P361+P353 P370+P378 P304+P340 P374+P378 P304+P340 P333+P313 P312 P314 P302+P352 P321 P323 P333+P313 P363 Precautionary Statemer	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. ents: Storage	
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Signal Word Danger Hazard Statement: H318 Precautionary Statemer P230 P260 P261 P264 Precautionary Statemer P303+P361+P353 P370+P378 P370+P378 P304+P340 P333+P313 P312 P314 P321 P321 P333+P313 P363 Precautionary Statemer P403+P235	ents: Disposal Dispose of contents/container according to applicable local, national, and international regulations. ents: Prevention Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. ents: Response If on skin (or hair): Rinse skin with water/shower. In case of fire: use recommended media to extinguish. If Inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CONTROL CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. ents: Storage Store in a well-ventilated place. Keep cool.	

Component Water	Concentration 66.08% - 71.08%	CAS number 7732-18-5	GHS Symbols N.A.	GHS Statements N.A
Vehicle	19.08% - 24.08%	non-hazardous prop	rietary N.A.	N.A.
Ethoxylated 2,4,7,9- etramethyl 5 decyn-4,7	00.69% - 01.69% -diol	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 nonomethyl ether	01.91% - 03.91%	34590-94-8	N.A.	N.A.
Fitanium 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.
Falc	03.72% - 04.72%	14807-96-6	N.A.	N.A.
Synthetic amorphous si	lica 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 Unsuitable Extinguishing Media Flash Point Autoignition Temperature Explosion Limits Upper Lower Sensitivity to Mechanical Impact Sensitivity to Static Discharge

CO2, dry powder, dry sand, foam. Water in a jet 75 °C / 167 °F 207 °C / 405 °F Not determined 14.0 vol% None expected 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:

respirator's use.

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

							Skin Protectio	on: Chemical resistant pr	otective gloves.
NFPA	Health	Flammabili		lity	Physical haza	rds			
	2	1	0				Eye Protectio	n: Wear safety glasses v	vith side shields (or goggles).
Section 6 -	- Accidental Relea								
	cidental release me						Other Protect	tive Equipment: Wear pr	otective clothing as necessary
High risk of	f slipping due to lea	kage/spillage of produ	ct.						0 ,
Personal P	Precautions		Use personal protecti	ve clothing.					
Environme	ental Precautions		Do not discharge into	drains/surface	waters/ground wat	er.	in a well ventil	ated area. Follow all SDS	re eating. Remove contaminat
Methods fo	or Containment ar	nd Clean up	For small amounts: P general-purpose bind					ies. Avoid prolonged or re yes, skin, and clothing.	epeated contact with skin. Avo
			regulations. For large amounts: Pr	ump off product.				hysical and Chemical Pr	
							Physical Stat Appearance		Liquid Translucent
Section 7 -	- Handling and Sto	orage 					Odor		odorless
	6						Odor Thresho	bld	No information available
							pH Molting Boint	Panga	8.0 – 10.50 No information available
U	S						Melting Point Boiling Point		100 °C / 212 °F
								closed cup Setaflash)	75 °C / 167 °F
Handling			\ A /		De wet has eth e		Evaporation F	Rate	Slower than ether
			Wear personal protect			nd elething De not	Flammability		N.A.
			gas/fumes/vapor/spra taste or swallow. Avo				Flammability	or explosive limits	
			ventilation. Wash tho					Upper	14.0 vol%
			near an open flame, s					Lower	01.1 vol%
			from direct sunlight. V					ıre mmHg @ 21°C	not determined
			to the environment.				Vapor Densit		Heavier than air
							Relative Dens		1.09 0.40 Deved/Caller
Storage			Store in accordance	with local regulat	ions. Store in orig	nal container	VOC g/l / lb./g	ght per Volume	9.19 Pound/Gallon 99.68 / 0.83
			protected from direct				HAPS	Jalion	99.8870.83 0.00%
			from incompatible ma					tile by Weight	69.43%
			from oxidizing materia					tile by Volume	75.40%
			ready for use. Contain				Solubility		soluble in water
			and kept upright to pr					fficient; n-octanol/water	
			Use appropriate cont		environmental co	ntamination.	Autoignition		405 °F / (207 °C)
			Keep from freezing.				Decompositio	on Temperature	No information available
							Viscosity	Krebs unit	60 – 70 ku
			on 				Section 10 - S	Stability and Reactivity	
•	s Occupational ex	•					Reactive Haz	ard	No hazardous reactions if st
Chemical N Dipropylene Monomethy	e glycol	GIH TLV-TWA 100 ppm	ACGIH-TLV STEL 150 ppm	OSHA PE 600 mg/m		N.E.	Oxidizing pro	perties	Not an oxidizer.
Titanium Di		10 mg/m3	N.E.	15 mg/m3	(dust)	N.E.	Chemical Sta	bility	Stable if stored and handled
Talc		2 mg/m3	N.E.	2 mg/m3 (R	espirable fraction)	N.E.	Conditions to	Avald	Cas CDC section 7 Usedi
Mica-group	minerals	3 mg/m3	N.E.	3 mg/m3 (R	espirable dust)	N.E.	Conditions to	Avoid	See SDS section 7 – Handli
Personal P	Protective Equipm	ent					Incompatible	Materials	Strong oxidizing agents, Aci
(Internet)							Hazardous De	ecomposition Products	Carbon monoxide (CO), Car
Respirator	ry Protection: A N	OSH/MSHA approved	air purifying respirator	with an organic	/apor cartridge or		Thermal deco	omposition	Stable up to boiling point.
canister ma	ay be permissible u	nder certain circumsta	nces where airborne co respirators is limited. Us	ncentrations are	expected to exce	ed	Hazardous Re	eactions	No hazardous reactions whe
respirator if	f there is any poten	tial for an uncontrolled	release, exposure leve	ls are not knowr	, or any other	arom			
			ot provide adequate pro				Section 11 - 1	Foxicological Informatio	n

that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a

e Equipment: Wear protective clothing as necessary to minimize contact ... ces: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only ed area. Follow all SDS/label precautions even after container is emptied because they may retain . Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid s, skin, and clothing. sical and Chemical Properties Liquid Translucent odorless No information available 8.0 - 10.50 ange No information available 100 °C / 212 °F ange osed cup Setaflash) 75 °C / 167 °F Slower than ether te olid,gas) N.A. explosive limits per 14.0 vol% wer 01.1 vol% mmHg @ 21°C not determined Heavier than air 1.09 per Volume 9.19 Pound/Gallon 99.68 / 0.83 lon 0.00% 69.43% by Weight by Volume 75.40% soluble in water cient; n-octanol/water No data available mperature 405 °F / (207 °C) Temperature No information available ebs unit 60 – 70 ku bility and Reactivity -----4 No hazardous reactions if stored and handled as prescribed/indicated. erties Not an oxidizer. lity Stable if stored and handled as prescribed/indicated. void See SDS section 7 - Handling and storage. aterials Strong oxidizing agents, Acids, Bases omposition Products Carbon monoxide (CO), Carbon dioxide (CO2), Sulfur oxides position Stable up to boiling point. No hazardous reactions when stored and handled according to instructions. ctions _____ 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).

PRODUCT CODE: PEARL MICA

Page 3

			-	t in the eyes.			
ffect of over tomach.	rexposure - ingestion: this	material may be harmful or fatal if	swallowed. irritating to mouth,	throat and			
	(s) of entry: eye contact, ing	estion, inhalation, skin absorption,	skin contact		Waste Disposal Methods	local/regional/national re	stance: Dispose of contents/container in accordance with gulations. Chemical waste generators must determine wheth
TOT - Single ased on sing	Exposure le exposure toxicity values,	not classified.				Container disposal: Dis or other means to prever	Issified as a hazardous waste under RCRA. pose of in a licensed facility. Recommend crushing, punctur t unauthorized use of used containers.
	ated Exposure	Target Organs:			Section 14 - Transport Information	n	
Based on repe	eated exposure toxicity valu	es, not classified.					f transport, quantities, package size, and/or origin and desti expert for information specific to your situation.
evels greater	than or equal to 0.1 %.	dicates whether each agency has		- ·	DOT – Not Regulated DOT Proper Shipping Name: Paint R	Related Material Non Hazardo	bus
CAS-No. 13463-67-7	Name Titanium Dioxide	NTP Not labeled by NTP	OSHA Not labeled by OSHA	IARC group 2B	DOT Hazard Class: Not Regulated DOT UN/NA Number: Not Regulated		
		ccupational Safety & Health Assoc Humans, Group 2A: Probably Car			This material is not regulated as a da		
		to its Carcinogenicity to Humans		D. I Usably Oarchogenic	Section 15 - Regulatory Informatio	on	
Acute Toxicity The acute effe		t been tested. Data on individual c	omponents are tabulated belo	w:	FEDERAL REGULATIONS: This product is considered non-haza CERCLA - SARA Hazard Category		zard Communication Standard (29 CFR 1910.1200
CAS-No. N	Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)	Superfund Amendment and Reautho		tegories' promulgated under Sections 311 and 312 of the itle III) and is considered, under applicable definitions, to
	Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)	meet the following categories: None SARA 302 Extremely Hazardous M	latorial: No	
	Ethoxylated 2,4,7,9- tetramethyl 5 decyn-4,7-dio	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)	SARA 302 Extremely hazardous in SARA 304 CERCLA Product Chemical Name	CAS Numb	er Pct by Wt. RQ (lbs)
34590-94-8	dipropylene glycol monome	thyl ether >5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)	This product contains no known cher SARA 311/312 Not Hazardous	micals regulated under SARA	
25322-69-4 p	polypropylene glycol	681 (rat)	N.D.	N.D.			s levels that are listed as toxic chemicals in 40 CFR Part 372
13463-67-7 1	Titanium Dioxide	> 5000 (rat)	> 5000 (rabbit)	4 h > 6.8 (rat)	pursuant to the requirements in secti Name	CAS-No.	
	Mica-group minerals	> 2000 (rat)	N.D.	N.D.	This product contains no known cher State Regulations New Jersey right-to-know:	micals regulated under SARA	.313.
	Ecological Information				Propylene Glycol Polypropylene glycol	57-55-6 25322-69-4	4
Ecotoxicity Do not flush in	nto surface water or sanitary				Titanium Dioxide Talc	13463-67-7 14807-96-6	6
Ecotoxicity To	xic to aquatic life. Based or	acute aquatic toxicity values, not	classified.		Mica-group minerals	12001-26-2	2
Foxicity to fish	(Acute toxicity)	_ow acute toxicity to fish			Pennsylvania right-to-know: Propylene Glycol	57-55-6	
		_ow acute toxicity to aquatic invert	ebrates		Polypropylene glycol dipropylene glycol monomethyl ether	25322-69-4 r 34590-94-8	
quatic inverte	ebrates (Acute				Titanium Dioxide	13463-67-7	,
oxicity)	<i></i>				Mica-group minerals	14807-96-6 12001-26-2	
		Low toxicity to algae.			Massachusetts right-to-know:	42462.67	
	· · · · · ·	Data not available			Titanium Dioxide Talc Mice group minerale	13463-67-7 14807-96-6	3
aquatic inverte	ebrates (Chronic	Low chronic toxicity to aquatic inve	rtebrates.		Mica-group minerals	12001-26-2	-
oxicity)		Data not available				resent in the product are kno	wn to the state of California to cause Cancer:
oxicity to bac oxicity)	cteria (Acute	_ow toxicity to sewage microbes.			Chemical Name Titanium Dioxide	CAS-No. 13463-67-7	The listing is for titanium dioxide (airborne, unbound particles of respirable size) and does not cover titanium
		Expected to be biodegradable Not expected to bioaccumualte					dioxide when it remains within a product matrix.
Mobility Not expected to bloaccumulation Not information available					California Proposition 65 Reprodu Warning: The following ingredients p		wn to the state of California to cause birth defects, or other

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 Revision Date	11/06/15
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. c. PRODUCT CODE: BRONZE

Page 1

Date: 11/6/15

SAFETY DATA SHEET

Section 1 - Identificati	on	
GHS product identifier	: 6	Bronze
Chemical name	: 1	<i>fixture</i>
Synonyms	: 0	Coatings
Product type	:	
Material use		Paint and Coatings
Supplier's details		Giani, Inc.
ADDRESS		216 North Broadway
	5	St. Louis, MO 63102
	I	nformation (314) 241-7771
Emergency telephone r	umber : 0	HEMTREC 800-424-9300 or 703-527-3887
Section 2 – Hazardous	Identification	
GHS Classification		
According to Regulation	2012 OSHA Hazard Communi n according to GHS criteria for	cation Standard (29 CFR 1910.1200) this product.
Physical hazards	Serious Evo Dor	nage - Category 1
Health hazards	Not Classified	age - Oaleguly I
Environmental hazard		
	Not Classilieu	
	>	
Signal Word Danger	>	
Danger		
Danger Hazard Statement:		
Danger Hazard Statement: H318	Causes serious eye damag	э
Danger Hazard Statement: H318 Precautionary Statem	nts: Disposal	
Danger Hazard Statement: H318	nts: Disposal Dispose of contents/contain	e er according to applicable local, national, and international
Danger Hazard Statement: H318 Precautionary Statem P501	nts: Disposal Dispose of contents/contain regulations.	
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem	nts: Disposal Dispose of contents/contain regulations. nts: Prevention	er according to applicable local, national, and international
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233	nts: Disposal Dispose of contents/contain regulations. nts: Prevention Keep container tightly close	er according to applicable local, national, and international
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280	Ints: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot	er according to applicable local, national, and international 1. active clothing/eye protection/face protection.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P280 P261	nts: Disposal Dispose of contents/contain regulations. nts: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/c	er according to applicable local, national, and international 1. cctive clothing/eye protection/face protection. as/mist/vapors/spray.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P280 P261	Ints: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot	er according to applicable local, national, and international 1. cctive clothing/eye protection/face protection. as/mist/vapors/spray.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P281 P261 P264	nts: Disposal Dispose of contents/contain regulations. nts: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/g Wash skin thoroughly after	er according to applicable local, national, and international 1. cctive clothing/eye protection/face protection. as/mist/vapors/spray.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233	nts: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/c Wash skin thoroughly after I Ints: Response	er according to applicable local, national, and international d. active clothing/eye protection/face protection. as/mist/vapors/spray. andling.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P280 P280 P264 Precautionary Statem	nts: Disposal Dispose of contents/contain regulations. nts: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/g Wash skin thoroughly after I nts: Response If on skin (or hair): Rinse ski	er according to applicable local, national, and international f. ctive clothing/eye protection/face protection. as/mist/vapors/spray. handling. n with water/shower.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P264 P264 Precautionary Statem P303+P361+P353	nts: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/g Wash skin thoroughly after Ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme	er according to applicable local, national, and international d. sctive clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. inded media to extinguish.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P261 P264 Precautionary Statem P303+P361+P353 P370+P378 P304+P340	Ints: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/c Wash skin thoroughly after l Ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme If Inhaled: Remove person t	er according to applicable local, national, and international d. active clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. inded media to extinguish. o fresh air and keep comfortable for breathing.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P264 Precautionary Statem P303+P361+P353 P370+P378 P304+P340 P303+P313	Ints: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/g Wash skin thoroughly after l Ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme If Inhaled: Remove person t If skin irritation or rash occu	er according to applicable local, national, and international active clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. nded media to extinguish. o fresh air and keep comfortable for breathing. s: Get medical advice/attention.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P280 P261 P264 Precautionary Statem P303+P361+P353 P304+P340 P333+P313 P312	nts: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/g Wash skin thoroughly after Ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme If Inhaled: Remove person t If skin irritation or rash occu Call a POISON CONTROL	er according to applicable local, national, and international d. sctive clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. inded media to extinguish. o fresh air and keep comfortable for breathing. s: Get medical advice/attention. ENTER/doctor if you feel unwell.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P263 P280 P261 P264 Precautionary Statem P303+P361+P353 P370+P378 P304+P340 P333+P313 P312 P314	nts: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/c Wash skin thoroughly after l Ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme If Inhaled: Remove person t If shin irritation or rash occuu Call a POISON CONTROL Get medical advice/attention	er according to applicable local, national, and international d. active clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. inded media to extinguish. o fresh air and keep comfortable for breathing. s: Get medical advice/attention. ZENTER/doctor if you feel unwell. if you feel unwell.
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Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P264 Precautionary Statem P303+P361+P353 P370+P378 P304+P340 P333+P313 P312 P314 P314 P312 P314 P312+P352 P321 P333+P313 P363	nts: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/c Wash skin thoroughly after l Ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme If Inhaled: Remove person t If skin irritation or rash occu Call a POISON CONTROL Get medical advice/attention IF ON SKIN: Wash with pler Specific treatment (see sup If skin irritation or rash occu Wash contaminated clothing	er according to applicable local, national, and international d. sctive clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. inded media to extinguish. o fresh air and keep comfortable for breathing. s: Get medical advice/attention. EENTER/doctor if you feel unwell. if you feel unwell. if you feel unwell. s: Get medical advice/attention.
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Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P261 P264 P264 Precautionary Statem P303+P361+P353 P370+P378 P304+P378 P304+P378 P304+P378 P304+P378 P304+P352 P312 P314 P302+P352 P314 P303+P352 P321 P333+P313 P363 Precautionary Statem P403+P235	nts: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/c Wash skin thoroughly after I ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme If Inhaled: Remove person t If skin irritation or rash occu Call a POISON CONTROL Get medical advice/attention IF ON SKIN: Wash with ple Specific treatment (see sup If skin irritation or rash occu Wash contaminated clothing ints: Storage	er according to applicable local, national, and international d. active clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. inded media to extinguish. o fresh air and keep comfortable for breathing. s: Get medical advice/attention. EENTER/doctor if you feel unwell. if you feel unwell. if you feel unwell. if you feel unwell. s: Get medical advice/attention. before reuse. ce. Keep cool.
Danger Hazard Statement: H318 Precautionary Statem P501 Precautionary Statem P233 P280 P261 P264 Precautionary Statem P303+P361+P353 P304+P340 P333+P313 P312 P314 P302+P352 P302+P352 P321 P333+P313 P334 P334 Precautionary Statem	nts: Disposal Dispose of contents/contain regulations. Ints: Prevention Keep container tightly close Wear protective gloves/prot Avoid breathing dust/fume/c Wash skin thoroughly after I ints: Response If on skin (or hair): Rinse ski In case of fire: use recomme If Inhaled: Remove person t If skin irritation or rash occu Call a POISON CONTROL Get medical advice/attention IF ON SKIN: Wash with ple Specific treatment (see sup If skin irritation or rash occu Wash contaminated clothing ints: Storage	er according to applicable local, national, and international d. sctive clothing/eye protection/face protection. as/mist/vapors/spray. andling. n with water/shower. inded media to extinguish. o fresh air and keep comfortable for breathing. s: Get medical advice/attention. ENTER/doctor if you feel unwell. if you feel unwell. if you feel unwell. ty of soap and water. Jemental first aid instruction on this label). s: Get medical advice/attention. before reuse.
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Section 3 – Composition/information on ingredients

Component Water	Concentration 67.81% - 72.81%	CAS number 7732-18-5	GHS Symbols N.A.	GHS Statements N.A
Vehicle	19.49% - 24.49%	non-hazardous proprietary	y N.A.	N.A.
Ethoxylated 2,4,7,9- tetramethyl 5 decyn-4,7-d	00.70% - 01.70% liol	9014-85-1	GHS05	H318
Polypropylene glycol	00.19% - 00.69%	25322-69-4	N.A.	N.A.
Propylene glycol	00.49% - 01.49%	57-55-6	N.A.	N.A.
Dipropylene glycol monomethyl ether	01.99% - 03.99%	34590-94-8	N.A.	N.A.
Red Iron Oxide (Fe2O3)	01.45% - 02.45%	1309-37-1	N.A.	N.A.
Mica	03.23% - 05.23%	12001-26-2	N.A.	N.A.
Talc	03.79% - 04.79%	14807-96-6	N.A.	N.A.
Synthetic amorphous silic	a 00.86% - 01.86%	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 Unsuitable Extinguishing Media Flash Point Autoignition Temperature Explosion Limits Upper Lower Sensitivity to Mechanical Impact Sensitivity to Static Discharge

CO2, dry powder, dry sand, foam. Water in a jet 75 °C / 167 °F 207 °C / 405 °F Not determined 14.0 vol% None expected 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.

	Health 2	Flammability 1	Instability 0	Physical hazards
Section 6	- Accidental Releas			
	cidental release meas f slipping due to leak			
Personal F	Precautions	Use	personal protective clothing	
Environme	ental Precautions	Do r	not discharge into drains/surf	face waters/ground water.
	or Containment and	gene regu For l	eral-purpose binder). Dispos ilations. arge amounts: Pump off pro	
	- Handling and Stor	age		
	\otimes			
Handling		gas/ taste vent neai from	e or swallow. Avoid prolonge ilation. Wash thoroughly after an open flame, sources of l	nent. Do not breathe ntact with eyes, skin, and clothing. Do no d exposure. Use only with adequate ar handling. DO NOT handle, store or oper heat or sources of ignition. Protect materia d on ot eat, drink or smoke. Avoid releass
		10 11	e environment.	,,,

Chemical Name Dipropylene glycol Monomethyl ether	ACGIH TLV-TWA 100 ppm	ACGIH-TLV STEL 150 ppm	OSHA PEL-TWA 600 mg/m3	OSHA PEL-CEILING N.E.
Red Iron Oxide (Fe2O3)	5 mg/m3	N.E.	10 mg/m3	N.E.
Talc	2 mg/m3	N.E.	2 mg/m3 (Respirable fractio	n) 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.





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	Bronze
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	9.05 Pound/Gallon
VOC g/l / lb./gallon	99.76 / 0.83
HAPS	0.00%
Percent Volatile by Weight	71.18%
Percent Volatile by Volume	76.20%
	soluble in water
Solubility Partition coefficient: n-octanol/water	
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.
Observices I Orach Illing	Otable if store date discussed as a second by discussed
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 Informatio	n
	o 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.

DATE:		

COMPANY NAME: GIANI, Inc. PRODUCT CODE: BRONZE

stomach. Primary route(s) of entry: eye contact, ingestion, inhalation, skin absorption, skin contact						
STOT - Sing	le Exposure		•			Section 14 - Transport Information
Based on sir	ngle exposure toxicity val	lues, not classif	ied.			Important Note: Shipping descriptions ma Consult your company's Hazardous Mate
	eated Exposure peated exposure toxicity	values, not clas	Target Organs: ssified.			DOT – Not Regulated DOT Proper Shipping Name: Paint Relat DOT Hazard Class: Not Regulated
	city: The information belo er than or equal to 0.1 %.		ether each agency has li	isted any ingredient as a car	rcinogen if present at	DOT UN/NA Number: Not Regulated This material is not regulated as a dange
CAS-No. None	Name		NTP	OSHA	IARC	
National Tox	kicological Program (NTP), Occupational	Safety & Health Associa	ation (OSHA), International	Agency for Research on	Section 15 - Regulatory Information
Cancer (IAR		c to Humans, G	Froup 2A: Probably Carci	inogenic to Humans, Group		FEDERAL REGULATIONS: This product is considered non-hazardou CERCLA - SARA Hazard Category
Acute Toxici The acute ef		e not been teste	ed. Data on individual co	mponents are tabulated belo	ow:	This product has been reviewed accordin Superfund Amendment and Reauthoriza meet the following categories:
CAS-No.	Name		Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)	None SARA 302 Extremely Hazardous Mate
57-55-6	Propylene Glycol		>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)	SARA 304 CERCLA Product Chemical Name
9014-85-1	Ethoxylated 2,4,7,9- tetramethyl 5 decyn-4,7	'-diol	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)	This product contains no known chemica SARA 311/312 Not Hazardous Acute Health Hazard
34590-94-8	dipropylene glycol mon	omethyl ether	>5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)	SARA (313) Components in concentration pursuant to the requirements in section 3
25322-69-4	polypropylene glycol		681 (rat)	N.D.	N.D.	Name This product contains no known chemica
1309-37-1	Red Iron Oxide (Fe2O3	;)	>5000 mg/l (rat)	5500 (rat)	N.D.	State Regulations New Jersey right-to-know:
12001-26-2	Mica		> 2000 (rat)	N.D.	N.D.	Propylene Glycol Polypropylene glycol
	 Ecological Information	n				Red Iron Oxide (Fe2O3) Talc
Ecotoxicity						Mica
	into surface water or sar	nitary sewer sys	item.			Pennsylvania right-to-know: Propylene Glycol
Ecotoxicity T	Foxic to aquatic life. Base	ed on acute aqu	atic toxicity values, not c	lassified.		Polypropylene glycol dipropylene glycol monomethyl ether
Toxicity to fis	sh (Acute toxicity)	Low acute t	oxicity to fish			Red Iron Oxide (Fe2O3) Talc
	aphnia and other	Low acute t	oxicity to aquatic inverte	brates.		Mica
aquatic inve toxicity)	rtebrates (Acute					Massachusetts right-to-know:
Toxicity to al	Igae (Acute toxicity)	Low toxicity	r to algae.			Red Iron Oxide (Fe2O3) Talc
Toxicity to fis	sh (Chronic toxicity)	Data not av	ailable			Mica
	aphnia and other	Low chronic	c toxicity to aquatic inver	tebrates.		California Proposition 65 Carcinogens Warning: This product contains, or may c
aquatic inve toxicity)	rtebrates (Chronic	Data not a	vailable			not limited to any that may be listed below Chemical Name
Toxicity to ba	acteria (Acute	Low toxicity	to sewage microbes.			California Proposition 65 Reproductiv Warning: The following ingredients prese
• •	and Degradability	Expected to	be biodegradable			reproductive hazards. No Proposition 65 Reproductive Toxins e
	lation/ Accumulation	Not expecte	ed to bioaccumualte			Toxic Substances Control Act:
						This product contains the following chem the United States:

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.

Castion 14 Transment Information			
Section 14 - Transport Information			
Important Note: Shipping descriptions may va Consult your company's Hazardous Materials			
DOT – Not Regulated DOT Proper Shipping Name: Paint Related M 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		
Section 15 - Regulatory Information			
FEDERAL REGULATIONS: This product is considered non-hazardous by CERCLA - SARA Hazard Category			
This product has been reviewed according to Superfund Amendment and Reauthorization / meet the following categories:			
None SARA 302 Extremely Hazardous Material: SARA 304 CERCLA Product	No		
Chemical Name This product contains no known chemicals re SARA 311/312 Not Hazardous Acute Health Hazard	CAS Number gulated under SARA 302/304	Pct by Wt.	RQ (lbs)
SARA (313) Components in concentrations a pursuant to the requirements in section 313 o	f SARA.	at are listed as to	kic chemicals in 40 CFR Part 372
Name This product contains no known chemicals re State Regulations	CAS-No. gulated under SARA 313.		
New Jersey right-to-know:	57.55.0		
Propylene Glycol Polypropylene glycol	57-55-6 25322-69-4		
Red Iron Oxide (Fe2O3)	1309-37-1		
Talc	14807-96-6		
Mica	12001-26-2		
Pennsylvania right-to-know:			
Propylene Glycol	57-55-6		
Polypropylene glycol dipropylene glycol monomethyl ether	25322-69-4 34590-94-8		
Red Iron Oxide (Fe2O3)	1309-37-1		
Talc	14807-96-6		
Mica	12001-26-2		
Massachusetts right-to-know:			
Red Iron Oxide (Fe2O3)	1309-37-1		
Talc Mica	14807-96-6 12001-26-2		
California Proposition 65 Carcinogens			
Warning: This product contains, or may conta not limited to any that may be listed below:	in trace quantities of a substa	nce known to the	state of California to cause Cancer
Chemical Name	CAS-No.		

the product are known to the state of California to cause birth defects, or other in this product.

substances subject to the reporting requirements of TSCA 12(b) if exported from uct.

DATE: 11/6/2015 COMPANY NAME: GIANI, Inc. PRODUCT CODE: BRONZE

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

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 Revision Date	11/06/15
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. Page 4

PRODUCT CODE: CLEAR TOPCOAT

Page 1

Date: 11/6/15

SAFETY DATA SHEET

		ATION DATE: 11/6/2015, Version 1
Section 1 - Identification		
GHS product identifier	:	Clear Topcoat
Chemical name	:	Mixture
Synonyms	:	Coatings
oduct type	:	
aterial use	:	Paint and Coatings
upplier's details	:	Giani, Inc.
DDRESS		2216 North Broadway
		St. Louis, MO 63102
		Information (314) 241-7771
nergency telephone numb	er :	CHEMTREC 800-424-9300 or 703-527-3887
ection 2 – Hazardous Ide		
HS Classification		
ccording to Regulation 20 lo need for classification a		nication Standard (29 CFR 1910.1200) or this product.
hvsical hazards	Serious Evo D	amage - Category 1
lealth hazards	Not Classified	
nvironmental hazards	Not Classified	
abel Elements		
Signal Word		
Varning		
azard Statement:		
	Causes serious eye dama	ane
Precautionary Statements		.90
		iner according to applicable local, national, and international
	egulations.	····· · · · · · · · · · · · · · · · ·
Precautionary Statements	: Prevention	
	Keep container tightly clos	
		otective clothing/eye protection/face protection.
	Avoid breathing dust/fume	
264	Nash skin thoroughly afte	r handling.
Precautionary Statements		
	f on skin (or hair): Rinse s	
		mended media to extinguish.
		n to fresh air and keep comfortable for breathing.
		curs: Get medical advice/attention.
		L CENTER/doctor if you feel unwell.
	Get medical advice/attenti	
	F ON SKIN: Wash with pl	
		pplemental first aid instruction on this label).
		curs: Get medical advice/attention.
	Nash contaminated clothi	ng before reuse.
Precautionary Statements		
P403+P235	Store in a well-ventilated p	blace. Keep cool.
P403+P233	Store in a well-ventilated p	place. Keep container tightly closed.
llemende wet ethemu'!-	asified	
Hazards not otherwise cla		v staves and handling are sensidered
No specific dangers known,	if the regulations/notes fo	or storage and handling are considered
specific dangers known,	in the regulations/hotes it	

_____ Section 3 - Composition/information on ingredients

Component Water	Concentration 59.90% - 64.90%	CAS number 7732-18-5	GHS Symbols N.A.	GHS Statements N.A
Vehicle	35.52% - 40.52%	non-hazardous proprietar	y N.A.	N.A.
Ethoxylated 2,4,7,9- tetramethyl 5 decyn-4,7-c	00.68% - 01.68% diol	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

_____ CO2, dry powder, dry sand, foam. Suitable Extinguishing Media

Unsuitable Extinguishing Media Flash Point Autoignition Temperature Explosion Limits Upper Lower Sensitivity to Mechanical Impact Sensitivity to Static Discharge

Water in a jet 75 °C / 167 °F 207 °C / 405 °F Not determined 14.0 vol% 1.1 vol% None expected 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

H	lealth	Flammability	Instability	Physical hazards
2	2	1	0	

Further accidental releation High risk of slipping due	ase measures: e to leakage/spillage of pro	oduct.			
Personal Precautions	• • • •	Use personal protectiv	e clothina.		
Environmental Precau			Ū	nd water	
Environmental Precautions Methods for Containment and Clean up		Do not discharge into drains/surface waters/ground water. 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 a	and Storage				
⊗ 🛞					
Handling		gas/fumes/vapor/spray taste or swallow. Avoid ventilation. Wash thord near an open flame, so	ive equipment. Do not brea v. Avoid contact with eyes, t prolonged exposure. Use ughly after handling. DO N urces of heat or sources o hen using, do not eat, drini	skin, and clothing. Do not only with adequate IOT handle, store or open f ignition. Protect material	
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 reseale 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 Prote	ection			
Ingredients Occupatio					
Chemical Name Dipropylene glycol Monomethyl ether	ACGIH TLV-TWA 100 ppm	ACGIH-TLV STEL 150 ppm	OSHA PEL-TWA 600 mg/m3	OSHA PEL-CEILING N.D.	
Personal Protective E	quipment				
canister may be permis exposure limits. Protect respirator if there is any circumstances where a	sible under certain circum tion provided by air purifyin potential for an uncontrol ir purifying respirators may	ved air purifying respirator w stances where airborne con ng respirators is limited. Use led release, exposure levels y not provide adequate prote uirements must be followed	centrations are expected to a positive pressure air sup are not known, or any oth action. A respiratory protect	o exceed oplied er tion program	
that meets OSHA 1910 respirator's use.					
respirator's use.	nical resistant protective g	loves.			
respirator's use.	nical resistant protective g	loves.			

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

Section 9 - Physical and Chemical Pr	operties				
Physical State	Liquid				
Appearance	Translucent				
Odor	odorless				
Odor Threshold	No information available				
рН	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 N.A.				
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 Partition coefficient; n-octanol/water	soluble in water				
Autoignition Temperature	405 °F / (207 °C)				
	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 - 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.

DATE:	11/	6/2015	CO

MPANY NAME: GIANI, Inc. PRODUCT CODE: CLEAR TOPCOAT

STOT - Repeated Exposure	Target Organs:			This material is not regul	ated as a dangerous good and c	can be shipped as a NON HAZARDOUS
Based on repeated exposure toxicity					• •	
Carcinogenicity: The information belo evels greater than or equal to 0.1 %.	w indicates whether each agency has	s listed any ingredient as a care	cinogen if present at	Section 15 - Regulatory	Information	
CAS-No. Name	NTP	OSHA	IARC	FEDERAL REGULATION This product is considered		OSHA Hazard Communication Standard (29 CFR 1910.1200
one				CERCLA - SARA Hazar		
Cancer (IARC) Group 1: Carcinogeni), Occupational Safety & Health Asso c to Humans, Group 2A: Probably Car as to its Carcinogenicity to Humans				nd Reauthorization Act of 1986	lazard Categories' promulgated under Sections 311 and 312 of the (SARA Title III) and is considered, under applicable definitions, to
o Humans, Group 5. Not Classifiable	as to its carcinogenicity to Humans			None		
Acute Toxicity Values The acute effects of this product have	e not been tested. Data on individual c	components are tabulated belo	w:	SARA 302 Extremely H SARA 304 CERCLA Pro	duct	
				Chemical Name		AS Number Pct by Wt. RQ (lbs)
CAS-No. Name	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)	SARA 311/312 Not Haz	known chemicals regulated und ardous	Jer SARA 302/304.
7-55-6 Propylene Glycol	>5000 (rat)	>2000 (rabbit)	4 h > 20 (rat)	Acute Health Hazard SARA (313) Component	s in concentrations above the de	e minimus levels that are listed as toxic chemicals in 40 CFR Part 3
0014-85-1 Ethoxylated 2,4,7,9-	6,300 (rat)	> 2,000 (rabbit)	1 h >20 (rabbit)		ents in section 313 of SARA.	
tetramethyl 5 decyn-4,7		2,000 (10051)		Name		AS-No.
					known chemicals regulated und	der SARA 313.
34590-94-8 dipropylene glycol mono	omethyl ether >5,000 (rat)	9510 mg/kg (rabbit)	7 h 3.35 mg/l (rat)	State Regulations New Jersey right-to-know	w.	
	224 (ND	ND	Propylene Glycol		7-55-6
25322-69-4 polypropylene glycol	681 (rat)	N.D.	N.D.	Polypropylene glycol		5322-69-4
ection 12 - Ecological Information				Pennsylvania right-to-kno		
				Propylene Glycol 57-55-6		
<u>Ecotoxicity</u> Do not flush into surface water or sar	itory cower eveter			Polypropylene glycol 25322-69-4 dipropylene glycol monomethyl ether 34590-94-8		
So not nush into sunace water of sar	nary sewer system.					
Ecotoxicity Toxic to aquatic life. Base	d on acute aquatic toxicity values, not	t classified.		California Proposition	55 Carcinogens	
				Warning: The following in	ngredients present in the produc	t are known to the state of California to cause Cancer:
Coxicity to fish (Acute toxicity)	Low acute toxicity to fish			Chemical Name		AS-No.
Toxicity to daphnia and other	Low acute toxicity to aquatic inver	tobratos		INU Proposition 65 carcin	ogens exist in this product.	
aquatic invertebrates (Acute				California Proposition	5 Reproductive Toxins	
oxicity)						t are known to the state of California to cause birth defects, or other
- /				reproductive hazards.		
Foxicity to algae (Acute toxicity)	Low toxicity to algae.			No Proposition 65 Repro	ductive Toxins exist in this produ	uct.
Foxicity to fish (Chronic toxicity)	Data not available			Toxic Substances Cont		subject to the reporting requirements of TOCA 42/b) if an act of feat
oxicity to daphnia and other	Low chronic toxicity to aquatic invo	ertebrates.		the United States:	C C	subject to the reporting requirements of TSCA 12(b) if exported from
quatic invertebrates (Chronic	5			No TSCA 12(b) compone	ents exist in this product.	
oxicity)	Data not available			Country	Regulatory list	Notification
ovicity to bactoria (Acuto	Low toxicity to sowage microhee			USA	TSCA	This product, or its components, are listed on or are ex
oxicity to bacteria (Acute oxicity)	Low toxicity to sewage microbes.					from the Toxic Substance Control Act (TSCA) Chemic Substance Inventory.
Persistence and Degradability	Expected to be biodegradable			EU	EINECS	This product, or its components, are listed on or are ex
Bioaccumulation/ Accumulation	Not expected to bioaccumualte					from the European Inventory of Existing Chemical
Aobility	No information available					Substances (EINECS) or the European List of Notified
						Chemical Substances (ELINCS).
ection 13 - Disposal Consideratio	ns			Canada	DSL	This product, or its components, are listed on or are e from the Canadian Domestic Substance List (DSL).
				Australia	AICS	This product, or its components, are listed on or are e
\bigcirc						from the Australian Chemical Substance List (AICS).
				Japan	ENCS	This product, or its components, are not listed on or an
Vaste Disposal Methods	Waste disposal of substance: D	Dispose of contents/conteiner in	a accordance with			exempt from the Japanese Chemical Substance List (
vaste Disposal Methods	local/regional/national regulations	. Chemical waste generators m	nust determine whether a	South Korea	ECL	This product, or its components, are not listed on or a exempt from the Korean Chemical Substance List (EC
	discarded chemical is classified as			China	SEPA	This product, or its components, are listed on or are ex
	Container disposal: Dispose of in	n a licensed facility. Recomme	ena crusning, puncturing	1 1		from the Chinese Chemical Substance List (SEPA)

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.

or other means to prevent unauthorized use of used containers.

DOT - Not Regulated

DOT Proper Shipping Name: Paint Related Material Non Hazardous

DOT Hazard Class: Not Regulated

DOT UN/NA Number: Not Regulated

Health - 2, Flammability - 1, Physical Hazard - 0

(PICCS).

PICCS

from the Chinese Chemical Substance List (SEPA).

exempt from the Philippine Chemical Substance List

This product, or its components, are not listed on or are

HMIS® Hazard Ratings:

No other Regulatory Information!

Section 16 - Other Information

Philippines

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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 Revision Date	11/06/15
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

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