

SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier 109 – 145
Product Name ZAR Interior Wood Stain – All Colors

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Stains, Interior
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name United Gilsonite Laboratories
Supplier Address 1396 Jefferson Ave.
Dunmore
PA
18509
US
Supplier Phone Number Phone:570-344-1202
Fax:570-969-7634
Contact Phone570-344-1202
Supplier Email sales@ugl.com
Emergency telephone number (800) 424-9300 Chemtrec

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)


| | |
|---------------------|------------|
| Aspiration toxicity | Category 1 |
|---------------------|------------|



Flammable liquids

Category 3

GHS Label elements, including precautionary statements**Emergency Overview**

| | | | |
|---|---------------------|-----------------------|------------------------|
| Signal word | Warning | | |
| Hazard Statements | | | |
| May be fatal if swallowed and enters airways Flammable liquid and vapor | | | |
|  | | | |
| Appearance | Brown to dark brown | Physical state | Liquid |
| | | Odor | Aliphatic hydrocarbons |

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating/ lighting/ equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response**Skin**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting

Fire

In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

52% of the mixture consists of ingredient(s) of unknown toxicity

Other information

May be harmful in contact with skin

Causes mild skin irritation

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% | Trade Secret |
|---|------------|----------|--------------|
| Solvent naphtha (petroleum), medium aliphatic | 64742-88-7 | 30 - 60 | * |
| Iron oxide | 1309-37-1 | 5 - 10 | * |
| Raw umber | 12713-03-0 | 3 - 7 | * |
| Kerosene | 8008-20-6 | 3 - 7 | * |
| Titanium dioxide | 13463-67-7 | 1 - 5 | * |
| Carbon black | 1333-86-4 | 1 - 5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures**General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

Ingestion

Aspiration hazard if swallowed - can enter lungs and cause damage. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO₂, water spray or regular foam. Use water spray or fog; do not use straight streams.

Unsuitable extinguishing media

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Vapors may travel to source of ignition and flash back.

Uniform Fire Code Combustible Liquid: II

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. See section 8 for more information. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other Information Water spray may reduce vapor; but may not prevent ignition in closed spaces.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for cleaning up Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------------------|---|--|---|
| Iron oxide 1309-37-1 | TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m ³ respirable fraction regulated under Rouge | IDLH: 2500 mg/m ³ Fe dust and fume TWA: 5 mg/m ³ Fe dust and fume |
| Raw umber 12713-03-0 | - | (vacated) Ceiling: 5 mg/m ³ Ceiling: 5 mg/m ³ Mn | IDLH: 500 mg/m ³ Mn TWA: 1 mg/m ³ Mn STEL: 3 mg/m ³ Mn |
| Kerosene 8008-20-6 | TWA: 200 mg/m ³ total hydrocarbon vapor application restricted to conditions in which there are negligible aerosol exposures S* | - | TWA: 100 mg/m ³ |
| Titanium dioxide 13463-67-7 | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust | IDLH: 5000 mg/m ³ |
| Carbon black 1333-86-4 | TWA: 3 mg/m ³ inhalable fraction | TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³ | IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Measures Showers
 Eyewash stations
 Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is



recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical state | Liquid | Odor | Aliphatic hydrocarbons |
| Appearance | Brown to dark brown | Odor Threshold | No information available |
| Color | No information available | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
|---|-------------------|----------------|---------------|
| pH | UNKNOWN | None known | |
| Melting / freezing point | No data available | None known | |
| Boiling point / boiling range | No data available | None known | |
| Flash Point | 40 C / 104 F | None known | |
| Evaporation Rate | No data available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Flammability Limit in Air | | | |
| Upper flammability limit | No data available | | |
| Lower flammability limit | No data available | | |
| Vapor pressure | No data available | None known | |
| Vapor density | No data available | None known | |
| Specific Gravity | No data available | None known | |
| Water Solubility | Insoluble | None known | |
| Solubility in other solvents | No data available | None known | |
| Partition coefficient: n-octanol/water | No data available | None known | |
| Autoignition temperature | No data available | None known | |
| Decomposition temperature | No data available | None known | |
| Kinematic viscosity | No data available | None known | |
| Dynamic viscosity | 35 | None known | |
| Explosive properties | No data available | | |
| Oxidizing properties | No data available | | |

Other Information

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content (%) | 500g/l |
| Particle Size | No data available |
| Particle Size Distribution | |

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Inhalation | Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. |
| Eye contact | Specific test data for the substance or mixture is not available. May cause irritation. |
| Skin contact | Repeated exposure may cause skin dryness or cracking. |
| Ingestion | Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|-----------------------|-------------------------|-------------------------|
| Solvent naphtha (petroleum), medium aliphatic 64742-88-7 | > 5000 mg/kg (Rat) | = 3000 mg/kg (Rabbit) | > 5.28 mg/L (Rat) 4 h |
| Iron oxide 1309-37-1 | > 10000 mg/kg (Rat) | - | - |
| Kerosene 8008-20-6 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.28 mg/L (Rat) 4 h |
| Titanium dioxide 13463-67-7 | > 10000 mg/kg (Rat) | - | - |
| Carbon black 1333-86-4 | > 15400 mg/kg (Rat) | > 3 g/kg (Rabbit) | - |

Information on toxicological effects

Symptoms Difficulty in breathing. Coughing and/ or wheezing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. This product contains carbon black which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is not in a respirable form.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|-------------------------|-------|----------|-----|------|
| Iron oxide 1309-37-1 | | Group 3 | | |
| Kerosene 8008-20-6 | A3 | Group 3 | | |
| Titanium dioxide | | Group 2B | | X |

| | | | | |
|---|----|----------|--|---|
| 13463-67-7 Carbon black 1333-86-4 | A3 | Group 2B | | X |
|---|----|----------|--|---|

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity Aspiration may cause pulmonary edema and pneumonitis. May cause adverse effects on the bone marrow and blood-forming system.

Target Organ Effects Blood. Central Nervous System (CNS). Eyes. Kidney. Lungs. Lymphatic System. Respiratory system. Skin. Gastrointestinal tract (GI).

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal)
3,200.00 mg/kg (ATE)

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|--|--|---|----------------------------|----------------------------|
| Solvent naphtha (petroleum), medium aliphatic 64742-88-7 | 96h EC50: = 450 mg/L (Pseudokirchneriella subcapitata) | 96h LC50: = 800 mg/L (Pimephales promelas) | | 48h EC50: > 100 mg/L |
| Carbon black 1333-86-4 | | | | 24h EC50: > 5600 mg/L |

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Should not be released into the environment. Dispose of contents/containers in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number D001

California Hazardous Waste Codes 331

14. TRANSPORT INFORMATION

DOT NOT REGULATED (IF SHIPPED IN NON BULK PACKAGING BY GROUND TRANSPORT)
Proper Shipping Name NON-REGULATED
Hazard Class N/A
Emergency Response Guide Number 128

TDG
UN-No. UN1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III
Description UN1263, PAINT, 3, III

MEX
UN-No. UN1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III
Description UN1263 PAINT,3,III

ICAO
UN-No. UN1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III
Description UN1263,PAINT,3,PG III

IATA
UN-No. UN1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III
Description UN1263,PAINT,3,PG III

IMDG/IMO

| | |
|----------------------|--------------------------------|
| UN-No. | UN1263 |
| Proper Shipping Name | PAINT |
| Hazard Class | 3 |
| Packing Group | III |
| EmS-No. | F-E, S-E |
| Description | UN1263, PAINT,3,PG III, FP 40C |

RID

| | |
|----------------------|--------------------|
| UN-No. | UN1263 |
| Proper Shipping Name | PAINT |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1263 PAINT,3,III |

ADR

| | |
|----------------------|--------------------|
| UN-No. | UN1263 |
| Proper Shipping Name | PAINT |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1263 PAINT,3,III |

ADN

| | |
|----------------------|--------------------|
| UN-No. | UN1263 |
| Proper Shipping Name | PAINT |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Special Provisions | 163, 640H, 650 |
| Description | UN1263 PAINT,3,III |
| Hazard Labels | 3 |
| Limited Quantity | LQ7 |
| Ventilation | VE01 |

15. REGULATORY INFORMATION

International Inventories

| | |
|------|--|
| TSCA | Complies |
| DSL | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|-----------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |



| | |
|--|-----|
| Fire Hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical Name | California Proposition 65 |
|-------------------------------|---------------------------|
| Carbon black - 1333-86-4 | Carcinogen |
| Titanium dioxide - 13463-67-7 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---|------------|---------------|--------------|--------------|----------|
| Solvent naphtha (petroleum), medium aliphatic 64742-88-7 | X | | | | |
| Iron oxide 1309-37-1 | X | X | X | | |
| Kerosene 8008-20-6 | X | X | X | | |
| Raw umber 12713-03-0 | | | X | X | X |
| Carbon black 1333-86-4 | X | X | X | | X |
| Titanium dioxide 13463-67-7 | X | X | X | | |

International Regulations

| Component | Carcinogen Status | Exposure Limits |
|--|-------------------|---|
| Iron oxide 1309-37-1 (5 - 10) | | Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³ |
| Titanium dioxide 13463-67-7 (1 - 5) | | Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³ |
| Carbon black 1333-86-4 (1 - 5) | | Mexico: TWA 3.5 mg/m ³ Mexico: STEL 7 mg/m ³ |

16. OTHER INFORMATION

| | | | | |
|-------------|-------------------------|-----------------------|--------------------------|--|
| NFPA | Health Hazards 2 | Flammability 2 | Instability 0 | Physical and Chemical Hazards - |
| HMIS | Health Hazards 2 | Flammability 2 | Physical Hazard 0 | Personal Protection X |

Prepared By Product Stewardship



| | |
|----------------------|---------------------------|
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| | Latham, NY 12110 |
| | 1-800-572-6501 |
| Issuing Date | 19-Apr-2013 |
| Revision Date | 17-Apr-2013 |
| Revision Note | No information available |

Disclaimer

The information provided in 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text

End of Safety Data Sheet