

# SAFETY DATA SHEET

Issuing Date No data available

Revision Date 23-Jul-2014

Revision Number 1

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

**Product identifier** 328-329-330-339

**Product Name** Zar Ultra Interior Polyurethane All Gloss Levels

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Clear Wood Finish - Varnish

**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 Phone:570-344-1202

**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)

Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 3

### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal word** Danger

#### Hazard Statements

May cause genetic defects

Suspected of causing cancer

May be fatal if swallowed and enters airways

Flammable liquid and vapor

**Appearance** Amber**Physical State** Liquid**Odor** Aliphatic hydrocarbons**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
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

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**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 CO<sub>2</sub>, 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**

23.40396% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Harmful to aquatic life with long lasting effects  
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
Stoddard solvent	8052-41-3	60 - 100	*
Silica, amorphous, fumed, crystal-free	112945-52-5	1 - 5	*
Kerosene	8008-20-6	1 - 5	*
Octanoic acid, cobalt salt	6700-85-2	0.1 - 1	*

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

### 4. FIRST AID MEASURES

#### First aid measures

<b>General Advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	If symptoms persist, call a physician. 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.
<b>Skin Contact</b>	In the case of skin irritation or allergic reactions see a physician. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Seek immediate medical attention/advice. Delayed pulmonary edema may occur.
<b>Ingestion</b>	Do NOT induce vomiting. Aspiration hazard if swallowed - can enter lungs and cause damage. 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.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Wear personal protective clothing (see section 8).

#### Most important symptoms and effects, both acute and delayed

<b>Most Important Symptoms and Effects</b>	Difficulty in breathing. Coughing and/ or wheezing. Dizziness.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

### Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

### Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition. Risk of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

#### **Uniform Fire Code**

Combustible Liquid: II  
Irritant: Liquid

### Hazardous Combustion Products

Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** Yes.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 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** Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

### Environmental precautions

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. 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. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes or clothing.

### Conditions for safe storage, including any incompatibilities

**Storage** Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. 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
Stoddard solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Silica, amorphous, fumed, crystal-free 112945-52-5	10 mg/m <sup>3</sup>	TWA: 20 mppcf; ((80)/(% SiO <sub>2</sub> )) mg/m <sup>3</sup> )	IDLH: 3000 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup>
Kerosene 8008-20-6	TWA: 200 mg/m <sup>3</sup> total hydrocarbon vapor application restricted to conditions in which there are negligible aerosol exposures S*	-	TWA: 100 mg/m <sup>3</sup>

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

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Tight sealing safety goggles.

**Skin and Body Protection** Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. 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**

<b>Physical State</b>	Liquid	<b>Odor</b>	Aliphatic hydrocarbons
<b>Appearance</b>	Amber	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>	
<b>pH</b>	UNKNOWN	None known	
<b>Melting / freezing point</b>	No data available	None known	
<b>Boiling point / boiling range</b>	No data available	None known	
<b>Flash Point</b>	40 C / 104 F	None known	
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	No data available	None known	
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit</b>	No data available		
<b>Lower flammability limit</b>	No data available		

<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity</b>	No data available	None known
<b>Water Solubility</b>	Slightly soluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	None known
<b>Oxidizing Properties</b>	No data available	

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

Product does not present an acute toxicity hazard based on known or supplied 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.

<b>Skin Contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Ingestion</b>	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
Kerosene 8008-20-6	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.28 mg/L ( Rat ) 4 h

**Information on toxicological effects**

<b>Symptoms</b>	Difficulty in breathing. Coughing and/ or wheezing. Asthma-like and/ or skin allergy-like symptoms.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	There is no data available for this product. Contains a known or suspected mutagen.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Silica, amorphous, fumed, crystal-free 112945-52-5		Group 3		
Kerosene 8008-20-6	A3	Group 3		
Octanoic acid, cobalt salt 6700-85-2		Group 2B		X

***ACGIH (American Conference of Governmental Industrial Hygienists)****A3 - Animal Carcinogen****IARC (International Agency for Research on Cancer)****Group 2B - Possibly Carcinogenic to Humans**Group 3 - Not Classifiable as to Carcinogenicity in Humans****OSHA (Occupational Safety and Health Administration of the US Department of Labor)****X - Present*

<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	Contains a known or suspected mutagen. Possible risk of irreversible effects. Contains a known or suspected carcinogen. Aspiration may cause pulmonary edema and pneumonitis.
<b>Target Organ Effects</b>	May affect the genetic material in germ cells (sperm and eggs). Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Central Nervous System (CNS). Kidney. Liver. Testes.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity Product Information**



The following values are calculated based on chapter 3.1 of the GHS document  
Not applicable

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Disposal methods</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
<b>Contaminated Packaging</b>	Dispose of contents/containers in accordance with local regulations.
<b>US EPA Waste Number</b>	D001

### **California Hazardous Waste Codes 331**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Octanoic acid, cobalt salt 6700-85-2	Toxic

## 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	NOT REGULATED (If shipped in NON BULK packaging by ground transport)
<b>Proper Shipping Name</b>	NON-REGULATED
<b>Hazard Class</b>	N/A
<b>Emergency Response Guide Number</b>	128

<b><u>TDG</u></b>	
<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	PAINT
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1263, PAINT, 3, III

### MEX

<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1263 Paint,3,III

**ICAO**

<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1263,Paint,3,PG III

**IATA**

<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	PAINT
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1263,Paint,3,PG III

**IMDG/IMO**

<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>EmS No.</b>	F-E, S-E
<b>Description</b>	UN1263, Paint,3,PG III, FP 40C

**RID**

<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	F1
<b>Description</b>	UN1263 Paint,3,III

**ADR**

<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	F1
<b>Description</b>	UN1263 Paint,3,III

**ADN**

<b>UN-No.</b>	UN1263
<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	F1
<b>Special Provisions</b>	163, 640H, 650
<b>Description</b>	UN1263 Paint,3,III
<b>Hazard Labels</b>	3
<b>Limited Quantity</b>	LQ7
<b>Ventilation</b>	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 does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Stoddard solvent 8052-41-3	X	X	X		
Kerosene 8008-20-6	X	X	X		
Octanoic acid, cobalt salt 6700-85-2			X	X	X

### International Regulations

#### **Mexico**

#### **National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Stoddard solvent 8052-41-3 ( 60 - 100 )		Mexico: TWA 100 ppm Mexico: TWA 523 mg/m <sup>3</sup> Mexico: STEL 200 ppm Mexico: STEL 1050 mg/m <sup>3</sup>

Mexico - Occupational Exposure Limits - Carcinogens

**Canada****WHMIS Hazard Class**

B3 - Combustible liquid

D2A - Very toxic materials

D2B - Toxic materials



<b>16. OTHER INFORMATION</b>
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<b>NFPA</b>	<b>Health Hazards</b> 2	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMIS</b>	<b>Health Hazards</b> 2 *	<b>Flammability</b> 2	<b>Physical Hazard</b> 0	<b>Personal Protection</b> X

*Chronic Hazard Star Legend*

\* = Chronic Health Hazard

**Prepared By**

Product Stewardship  
 23 British American Blvd.  
 Latham, NY 12110  
 1-800-572-6501

**Revision Date**

23-Jul-2014

**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**