



# Safety Data Sheet

## A-1 Glaze

HMIS Ratings	
Health	2
Flammability	2
Reactivity	0
Protection	B

### Section 1: Identification

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Product Name: A-1 Glaze

Product Use: Automotive Reconditioning Product

Restrictions on Use: For automotive use only.

Manufacturer: Superior Products Co., Inc.  
6962 Highway 111  
S. Roxana, IL 62087

Phone Number: (618) 254-7400

Emergency Phone: CHEMTREC  
1-800-424-9300  
For International Calls:  
(703) 527-3887

### Section 2: Hazard Identification

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Hazard Class: Flammable Liquid Category 4, Skin Irritant Category 3, Eye Irritant Category 2B, Carcinogen Category 1, Acute Aquatic Toxicity Category 2, Chronic Aquatic Toxicity Category 3.

Signal Word(s): Danger

Hazard Statement: Combustible liquid. Causes mild skin irritation. Causes eye irritation. May cause cancer through respirable crystalline silica. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Pictogram Measures: Do not ingest, keep out of eyes. Keep away from all sources of ignition. No smoking. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling.



Wear proper protective equipment. Store tightly closed and locked up in well ventilated area. Avoid release to the environment or contamination of water sources.

**Miscellaneous Hazards:** N/A

### **Section 3: Composition/Information on Ingredients**

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<b>Chemical Name</b>	<b>CAS Number</b>	<b>Concentration (Wgt.%)</b>
Microcrystalline Silica	14808-60-7	0-1
Solvent Naphtha, Light Aliphatic	64742-89-8	10-30
Hydrotreated Middle Distillate	64742-46-7	1-5
Isopropanol	67-63-0	0-3
Glycerin	56-81-5	0-3
Non-hazardous and other ingredients below reportable levels	Proprietary	57-89

### **Section 4: First Aid Measures**

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**Skin Contact** Wash with soap and water. If irritation persists, seek medical advice.

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. If eye irritation persists, get medical advice or attention.

**Inhalation** Move person to fresh air. Seek medical attention if symptoms develop or persist

**Ingestion** If the material is swallowed, rinse out the mouth and do not induce vomiting. Seek medical advice/attention.

**Notes for Immediate Care / Physician** N/A

### **Section 5: Fire Fighting Measures**

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**Hazardous Combustion Products:**

Carbon Monoxide, carbon dioxide, and other hydrocarbon fragments.

**Extinguishing Media:**

Carbon dioxide, dry chemical, or water.

**General Fire Hazards:**

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

**Fire Fighting Equipment and Instructions:**

Firefighters should wear full protective gear including self contained breathing apparatus.

## **Section 6: Accidental Release Measures**

### **Personal Protection/PPE:**

Wear gloves, safety glasses or goggles, and an apron to avoid skin and eye contact.

### **Emergency Procedures:**

Remove all sources of ignition.

### **Containment Procedures:**

Remove all sources of ignition. Stop the flow of material, if this is without risk. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth, commercial sorbents, or recover using pumps. Do not allow to contaminate water sources as this product is toxic to aquatic life.

### **Cleanup Procedures:**

Absorb spill with inert material. Shovel material into appropriate container for disposal.

## **Section 7: Handling and Storage**

### **Handling Procedures:**

Avoid prolonged or repeated skin contact with this material. Do not release to the environment or allow contamination of water sources.

### **Storage Procedures:**

Do not handle or store near an open flame, heat, or other sources of ignition. Store tightly closed and locked up in well ventilated area.

## **Section 8: Exposure Controls/Personal Protection**

Chemical	CAS Number	PEL-OSHA	Exposure Limits	Carcinogen
			TLV-ACGIH	
Microcrystalline Silica	14808-60-7	250 mppcf/(%SiO <sub>2</sub> +5) Respirable TWA 10 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +2) TWA 30 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +2) Total dust TWA	0.05 mg/m <sup>3</sup> Respirable dust TWA	Yes
Isopropanol	67-63-0	400 ppm	400 ppm	No
Solvent Naphtha, light aliphatic	64742-89-8	500 ppm TWA	300 ppm TWA	No
Glycerin	56-81-5	15 mg/m <sup>3</sup> TWA total dust 5 mg/m <sup>3</sup> TWA respirable	10 mg/m <sup>3</sup> TWA	No
Hydrotreated Middle Distillates	64742-46-7	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> STEL	No

Non-hazardous and other ingredients below reportable levels	Proprietary	N/A	N/A	N/A
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**Engineering Controls:**

Use local exhaust ventilation.

**Personal Protective Equipment:**

**Eyes/Face:**

Wear chemical goggles.

**Skin:**

Use impervious gloves. Use of impervious apron and boots are recommended.

**Respiratory:**

If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

**General:**

Eye wash fountain is recommended. Use good industrial hygiene practices in handling this material.

## Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Pea Green liquid/glaze
<b>Flammability Limits:</b>	Not applicable.
<b>Explosive Limits:</b>	Not applicable.
<b>Odor:</b>	None added, Solvent odor
<b>Odor Threshold:</b>	Not available.
<b>Vapor Density:</b>	>1
<b>Vapor Pressure:</b>	Not available.
<b>pH:</b>	8.5
<b>Relative Density:</b>	1.02
<b>Melting Point:</b>	Not available.
<b>Solubility:</b>	Soluble in water.
<b>Initial Boiling Point/Boiling Range:</b>	Not available.
<b>Flash Point:</b>	<b>172.4°F/78.00°C (calculated)</b>
<b>Autoignition Temperature:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Partition Coefficient (n-octanol/water):</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.

## **Section 10: Stability and Reactivity**

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### **Reactivity:**

Will react with strong oxidizing agents.

### **Chemical Stability:**

This is a stable material.

### **Hazardous Decomposition:**

Hazardous combustion products may include carbon monoxide, carbon dioxide, and other hydrocarbon fragments.

### **Hazardous Polymerization:**

Will not occur.

### **Incompatible Materials:**

Strong oxidizing agents.

### **Conditions Leading to Hazard:**

Storage at temperatures approaching or exceeding 120°F, storage with strong oxidizers. Release to environment or contamination of water sources.

## **Section 11: Toxicological Information**

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**Acute Toxicity Estimate – Oral:** >5000 mg/kg

**Acute Toxicity Estimate – Dermal:** >5000 mg/kg

**Reproductive Toxicity/Germ Cell Mutagenicity:** No ingredients with positive in vivo results. **Skin/Inhalation Sensitization:** Contains no known sensitizers.

**Carcinogenicity:** Contains the Class 1 carcinogen crystalline silica. Mixture has not been tested for carcinogenicity. Note that testing has demonstrated the carcinogenic properties of crystalline silica are primarily linked to silicosis from repeated inhalation of silica dust. Take care to avoid drying out this product and properly control any dust produced, and this will likely mitigate most of the potential carcinogenic properties.

## **Section 12: Ecological Information**

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Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicate Acute Toxicity Category 2 and Chronic Toxicity Category 3 categorization. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered, but are not expected to be contributory.

None of the components of this product are listed in the Montreal Protocol or its Amendments.

## **Section 13: Disposal Concerns**

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Dispose of waste material in accordance with Local, State, Federal, and Provincial Environmental Regulations.

## **Section 14: Transport Information**

## US DOT HMR Information

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**Exceptions:** If shipped in non-bulk container, classified according to International HMR.

**Proper Shipping Name:** Combustible Liquid, N.O.S.

**Identification Number:** NA1993

**Packaging Group:** III

**Hazard Class:** Comb. Liq.

## International HMR Information

**Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S. (Solvent Naphtha, light aliphatic)

**Identification Number:** UN3082

**Packaging Group:** III

**Hazard Class:** 9

## Section 15: Regulatory Information

### US Federal Regulations

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#### CERCLA/SARA - Section 313 - Emission Reporting

None

### State Regulations

#### California - Proposition 65 - Carcinogens List

Crystalline Silica (Quartz)

Crystalline Silica (Cristobalite)

Crystalline Silica (Tridymite)

## Section 16: Other Information

### Disclaimer:

~~NOTICE: The information presented herein is based on data considered to be accurate as of the date of~~  
preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can

be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

**Prepared By** Technical Department

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