

33218-1013



MATERIAL SAFETY DATA SHEET

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

Product Name: Sculpey® Glaze Gloss, Sculpey® Glaze Satin

Product Use: Polyurethane aqueous dispersion for hobby use

Manufacturer:

Polyform Products Company
1901 Estes Avenue
Elk Grove Village, IL 60007 USA
Phone: 1-847-427-0020

Emergency Telephone Number:
1-847-427-0020
available only during office hours

Date of Preparation: 08-23-2007

2. HAZARD IDENTIFICATION

Emergency Overview

Bluish white, translucent liquid. No odor. Gastrointestinal irritant. Skin irritant. Respiratory irritant. Eye irritant.

Potential Health Hazards

Eye Contact: This product may be an eye irritant based on similar materials

Skin Contact: This product may be a skin irritant based on similar materials

Ingestion: In humans, irritation of the mouth, pharynx, esophagus, and stomach can develop following ingestion of this material. The acute oral toxicity of this material is greater than 5000 mg/kg. Relative to other materials, this material is classified as practically non-toxic by ingestion.

Inhalation: Vapors of this material will probably irritate mucous membranes, eyes, nose, and respiratory passages.

Chronic Exposure: Triethylamine: May cause effects on the liver, kidney, heart and exposure to vapor may cause temporary blurred vision.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS number</u>	<u>Weight %</u>
1-methyl-2-pyrrolidone	872-50-4	16.80
Triethylamine	121-44-8	1.70

Ingredients not identified are proprietary and non-hazardous.

4. FIRST AID MEASURES

Eye Contact: Immediately flush with plenty of water for 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

Skin Contact: Wash off skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. Wash contaminated clothing.

Ingestion: Do not induce vomiting. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

5. FIRE-FIGHTING MEASURES

Flash Point: >93.33°C (199.99°F) Pinsky-Martens Closed Tester
Autoignition Temperature: n/a
Explosion Limits in Air: LEL: 1.2% (V) UEL: No data.
Extinguishing Agents: Use water fog, foam, carbon dioxide, dry chemical, halogenated agents.
Hazardous Decomposition Products: Carbon oxides, nitrogen oxides and ammonia.
Special Protective Equipment for Fire Fighters: Wear self-contained breathing apparatus with full face piece and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Clothing should be sufficient to minimize contact.
Environmental Precautions: Contain spill. Soak up material with absorbent towel.
Methods for Cleaning Up: Collect and reuse or dispose with domestic refuse.

7. HANDLING AND STORAGE

Handling: Prevent skin and eye contact. Avoid breathing vapors. Use product in a well ventilated area. Wash hands with soap and water after use.

Storage: Keep container tightly sealed. Store in a cool, well ventilated area away from heat, sources of ignition, direct sunlight, and incompatible materials. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: None. Prevent eye contact.
Skin and Body Protection: Clothing should be sufficient to minimize contact.
Respiratory Protection: None. Avoid breathing vapors.
Exposure Limits:

Component	Source	Type	Value	Remarks
Triethylamine	ACGIH	Threshold Limit Values (TLV):	1 ppm, 4.1 mg/m ³	
	ACGIH	Short Term Exposure Limit (STEL):	3 ppm, 12 mg/m ³	
	ACGIH	Skin Designation:		Can be absorbed through the skin.
	OSHA Z1	PEL:	25 ppm, 100mg/m ³	
1-methyl-2-pyrrolidone	WEEL	Time Weighted Average (TWA):	10 ppm 40 mg/m ³	
	WEEL	Skin Designation:		Can be absorbed through the skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Bluish white, translucent	Solubility in Water:	Dispersible
Appearance:	Liquid	Reactivity in Water:	Non-reactive
Odor:	None	Density:	1.0600 g/cm ³
Boiling Point:	>88.89°C (192.00°F)	Relative Vapor Density:	>1.0
Melting Point:	n/a	Vapor Pressure:	No data
pH:	8.3		

10. STABILITY AND REACTIVITY

Stability:	Product is stable.
Polymerization:	Not known to occur.
Hazardous Decomposition Products:	Carbon oxides, nitrogen oxides and ammonia.
Materials to Avoid:	Strong oxidizers.
Conditions to Avoid:	No known condition of instability.

11. TOXICOLOGICAL INFORMATION

Contact the addressee in Section 1 for product toxicology information.

Carcinogen Listing

NTP: N.D. IARC: N.D. OSHA: N.D.

12. ECOLOGICAL INFORMATION

No data is available for the effects to the environment if material is used as intended and disposed of in the appropriate manner.

13. DISPOSAL CONSIDERATIONS

If recycling is not available, dispose with domestic refuse. Observe all federal, state and local regulations.

14. TRANSPORT INFORMATION

Not regulated by US DOT.

15. REGULATORY INFORMATION

TSCA (TSCA Substances Control Act): All ingredients are on the TSCA Chemical Substances Inventory.

CEPA (Canadian Environmental Protection Act): All components are on the DSL (Domestic Substances List).

SARA Title III (Emergency Planning and Community Right-to-Know Act) 313 Reportable Ingredients:

<u>Components</u>	<u>CAS number</u>	<u>Weight %</u>
N-methyl-2-pyrrolidone	872-50-4	16.80
Triethylamine	121-44-8	1.70

California Proposition 65: WARNING. This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Canada

WHMIS Classifications: Class D, Division 2B, Toxic Material at >1%.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

n/a: not applicable

HMIS Rating Health=1 Flammability=1 Reactivity=0

NFPA Rating Health=1 Flammability=1 Reactivity=0

The MSDS supersedes a previous MSDS dated: 5/7/1999
Prepared by: K. Rausch 8/23/2007

The information contained herein is provided in good faith and is subject to change without notice. It is believed to be accurate and represents the best information currently available to us. However, we make no warranty, fitness for a particular purpose or of any other type, expressed or implied, with respect to products described or data or information provided. We assume no liability resulting from the use of such products, data or information. Users should determine the suitability of the information for their particular purpose. The user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material and must be familiar with and follow generally accepted safe handling procedures.