

<b>34954-1002</b>
<b>-2002</b>



## MATERIAL SAFETY DATA SHEET

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

**Product Name:** Studio™ by Sculpey® Glossy Glaze, Studio™ by Sculpey® Satin Glaze

**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: 11-19-2007

### 2. HAZARD IDENTIFICATION

**Emergency Overview**

Use ventilation necessary to keep exposures below recommended exposure limits, if any.

**Potential Health Hazards**

**Eye Contact:** Causes eye irritation.

**Skin Contact:** Substance may cause slight skin irritation.

**Ingestion:** Substance may be harmful if swallowed.

**Inhalation:** Low hazard if used according to manufacturer's instructions.

**Chronic Exposure:** No information.

**Primary Routes of Entry:** Skin contact, skin absorption, inhalation, ingestion and eye contact.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS number</u>	<u>Weight %</u>	<u>ACGIH TLV-TWA</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Dipropylene Glycol Monomethyl Ether	34590-94-8	less than 5%	100ppm	N.E.	N.E.
Dipropylene Glycol Monobutyl Ether	29911-28-2	less than 5%	N.E.	N.E.	N.E.

Ingredients not identified are proprietary and non-hazardous.

### 4. FIRST AID MEASURES

**Eye Contact:** Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

**Inhalation:** Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**5. FIRE-FIGHTING MEASURES**

<b>Flash Point:</b>	96.11°C (205°F) CALC
<b>Autoignition Temperature:</b>	n/a
<b>Explosion Limits in Air:</b>	LEL: 0.6% (V) UEL: 17.0%
<b>Extinguishing Agents:</b>	Use water fog, foam, carbon dioxide, dry chemical.
<b>Hazardous Decomposition Products:</b>	Carbon oxides, nitrogen oxides and ammonia.
<b>Special Protective Equipment for Fire Fighters:</b>	Wear self-contained breathing apparatus with full face piece and protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Clothing should be sufficient to minimize contact.
<b>Environmental Precautions:</b>	Contain spill. Soak up material with absorbent towel.
<b>Methods for Cleaning Up:</b>	Collect and reuse or dispose with domestic refuse. Dispose according to local, state, and federal regulations.

**7. HANDLING AND STORAGE**

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

<b>Eye Protection:</b>	None. Prevent eye contact.
<b>Skin and Body Protection:</b>	Clothing should be sufficient to minimize contact. Use gloves to prevent prolonged skin contact.
<b>Respiratory Protection:</b>	None. Avoid breathing vapors. Use product in well ventilated area.
<b>Hygienic Practices:</b>	Wash hands thoroughly with soap and water after use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Slightly cloudy, particle free liquid	<b>Solubility in Water:</b>	Good
<b>Odor:</b>	Ammonia-like	<b>Reactivity in Water:</b>	Non-reactive
<b>Boiling Point:</b>	(26.66 -537.22°C) 80 – 999°F	<b>Density:</b>	No data
<b>Melting Point:</b>	n/a	<b>Relative Vapor Density:</b>	Heavier than air
<b>pH:</b>	8.8 - 9.2	<b>Vapor Pressure:</b>	No data

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Product is stable.
<b>Polymerization:</b>	Not known to occur under normal conditions.
<b>Hazardous Decomposition Products:</b>	When heated to decomposition, product emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.
<b>Materials to Avoid:</b>	Incompatible with strong oxidizing agents, strong acids and strong bases.
<b>Conditions to Avoid:</b>	Avoid contact with strong acids and strong bases.

**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. Do not allow to enter storm drains or sewer systems.

**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.

**SARA** Title III (Emergency Planning and Community Right-to-Know Act) Section 313 Reportable Ingredients: NONE

**U.S. State Regulations: As follows-****New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS Number</u>
Water	7732-18-5
Acrylic Emulsion	Proprietary
Polyurethane Dispersion	Proprietary

**Pensylvania Right-to-Know:**

The following non-hazardous ingredients are present in the product at greater than 3%:

<u>Chemical Name</u>	<u>CAS Number</u>
Water	7732-18-5
Acrylic Emulsion	Proprietary
Polyurethane Dispersion	Proprietary

**California Proposition 65:**

This product contains no known chemicals known by the State of California to cause cancer.

This product contains no known chemicals known by the State of California to cause birth defects or other reproductive harm.

**International Regulations: As follows-**

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

**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, N.E.: Not Established, N.D.: Not Determined

HMIS Rating Health=1 Flammability=1 Reactivity=0

NFPA Rating Health=1 Flammability=1 Reactivity=0

Volatile Organic Compounds, GR/LTR: 278

Prepared by: K. Rausch 11/19/2007

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