

738

41-1200
97-7389

NPCA 1-82

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor, Executive Order 12166, OSHA 201)

Prepared by: _____ Section I Approved by: _____

MANUFACTURER'S NAME
Polyform Products Company

DATE OF PREP

STREET ADDRESS
9420 W. Byron Street

CITY, STATE AND ZIP CODE
Schiller Park, IL 60176

102390

EMERGENCY TELEPHONE NO 312/678-4836

INFORMATION TELEPHONE NO 312/678-5240

PRODUCT CLASS
Polyurethane Aqueous Dispersion

MANUFACTURER'S CODE IDENTIFICATION
Sculpey Glaze #33

TRADE NAME

Section II—HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT WT	OCCUPATIONAL EXPOSURE LIMITS	VAPOR PRESSURE		TOXICITY DATA
			mm Hg	@	
1-METHYL-2-PYRROLIDINONE N-METHYL-PYRROLIDONE CAS No. 872-50-4	16.8	Not Established	<.5	@ 20°C	LD50 7cc Rat Ora
N,N-DIETHYLETHANAMINE TRIETHYLAMINE CAS No. 121-44-8	1.7	TLV-TWA, 10 ppm; PEL-OSHA, 25 ppm.	54	@ 20°C	

Section III—PHYSICAL DATA

BOILING RANGE 89-202°C

VAPOR DENSITY HEAVIER LIGHTER THAN AIR

EVAPORATION RATE FASTER SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME 70.9

WEIGHT PER GALLON 8.85 lbs.

Section IV—FIRE AND EXPLOSION HAZARD DATA

Combustible Liquid

FLAMMABILITY CLASSIFICATION OSHA Class IIIB

EXTINGUISHING MEDIA DOT Not regulated

FLASH POINT over 200°F (TEA) 1.2

Pensky-Martens c.c.

FOAM ALCOHOL FOAM COOLING DRY CHEMICAL WATER FOAM OTHER

PHYSICAL AND EXPLOSION HAZARDS

Material will not sustain combustion unless water has evaporated. Closed containers may burst from steam pressure when exposed to extreme heat.

Section V—HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

② #738

Eyes: May cause irritation.
Inhalation: Concentrated vapors may be harmful. May cause headache, dizziness and nausea.
Skin: Contact may cause irritation and drying of skin.
Ingestion: May be harmful if swallowed.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with large amounts of water.
Skin: Wash with soap and water. **Inhalation:** Remove to fresh air.
Ingestion: Call physician. Dilute with water. Do not induce vomiting.

Section VI—REACTIVITY DATA

STABILITY UNSTABLE STABLE

CONDITIONS TO AVOID

none known

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Normal combustion products including carbon dioxide and carbon monoxide

HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT OCCUR

Section VII—SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Ventilate area. Remove sources of spark or flame.
Remove with inert absorbant.

WASTE DISPOSAL METHOD

Dispose in accordance with local, state and federal regulations.

Section VIII—SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION Avoid breathing spray mists. In case of poor ventilation, use approved organic vapor mask.

VENTILATION

Sufficient to keep vapor concentration below limits in section II.

PROTECTIVE GLOVES

Suggested for direct contact.

OTHER PROTECTIVE EQUIPMENT

EYE PROTECTION

Safety goggles

Section IX—SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store above 120°F. Keep from freezing. Avoid prolonged or repeated contact with skin.

OTHER PRECAUTIONS

Do not take internally. Do not get in eyes. Avoid breathing vapors.