09-15560

U.S. Technological Research

Development Laboratories
Material Safety Data Sheet
(619) 929-1000

Micro-Poxy s

I. Hazardous Ingredients

Materials or Components	% (w/w)	CAS No.	Hazard Data
Aliphatic Hydrocarbon Blend	30 - 40 %	64742-47-8 64742-96-7 64742-89-8	ACGIH: TLV 100 ppm OSHA: PEL 500 ppm ACGIH: TLV 300 ppm, STEL 400 ppm
Calcined Clay	10 - 15 %	66402-68-4	ACGIH: TLV 10 mg/m^3 (as dust)
Morpholine	1 - 5 %	110-91-8	OSHA: PEL 20 ppm ACGIH: TLV 20 ppm, STEL 30 ppm

II. Physical Properties

Boiling Point	N/E
Melting Point	N/A
Vapor Pressure	N/E
Specific Gravity (Water = 1)	0.98
Vapor Density (Air = 1)	heavier than air
Volatile by Volume	Approx. 70 - 80 %
Water Solubility	insoluble but dispersible
Evaporation Rate (Ethyl Ether = 1)	slower than ethyl ether
Appearance	Opaque white

III. Fire and Explosion Data

Flash Point °F	110°F (TAGG Closed Cup)
Fire Extinguishing Media	CO_2, Dry Chemicals, Foam
Special Fire Fighting Procedures	Firefighters wear self-contained breathing apparatus. Fight like a fuel oil fire.
Unusual Fire and Explosion Hazard	Closed containers exposed to high temperatures such as fire conditions may rupture.
Flammable Limits	N/E

IV. Health Hazard Information

Threshold Limit Value	N/E
Health Hazards	Chronic overexposure to the components in this material can cause respiratory system, eye, skin, kidney and central nervous system damage

U.S. Technological Research
Development Laboratories
Material Safety Data Sheet
(619) 929-1000

Micro-Poxy®

IV. Health Hazard Information (continued)

First Aid Procedures:

Skin Contact	Wash with soap and excess water. Obtain medical attention if irritation occurs.
Eye Contact	Flush promptly with excess water for 15 minutes. Call a physician.
If Swallowed	Do not induce vomiting. Call a physician. If conscious, give a glass of water to person.
Inhalation	Remove from contaminated areas, apply artificial respiration if necessary, call a physician.

V. Toxicity

Oral (acute) (rats)	N/E	Acute Intraperitoneal (mice)	N/E
Inhalation (acute) (rats)	N/E	Chronic, Subchronic, etc.	N/E

VI. Reactivity Data

Stability	Stable
Incompatibility	Strong acids or alkalies.
Hazardous Decomposition Products	Thermal decomposition will yield carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Open flames, sparks, and high temperatures.

VII. Spill and Disposal Method

Steps to be taken if material is released or spilled	Wash and clean up small spills with water and detergent. Pick up large spills with inert absorbent and place in a container for disposal.
Waste disposal method	Dispose method must comply with local, state, and federal regulations.

VIII. Special Protection Information

Respiratory Protection	With general room ventilation respiratory protection is not required. If room ventilation is lacking, use NIOSH approved respirator.
Ventilation Requirements	General room ventilation.
Local	Exhaust
Mechanical	Acceptable
Special	None

U.S. Technological Research
Development Laboratories
Material Safety Data Sheet
(619) 929-1000

VIII. Special Protection Information (continued)

Eye Protection	Safety glasses
Hand Protection	Neoprene or equivalent
Other Protective Equipment	Eye wash fountain and safety shower should be available.

IX. Handling and Storage Precautions

Other storage and handling conditions: Keep away from extreme heat, open flames, or other sources of ignition. Store with adequate ventilation. Do not store above 100°F.

Miscellaneous

HMIS Rating:

	Health	2
	Flammability	2
	Reactivity	0
Code:	Lease Hazardous	0
	Greatest Hazard	4

Note: Do not flame cut, weld or melt empty containers.

N/E = Note Established N/D = Not Determined N/A = Not Applicable