

MATERIAL SAFETY DATA SHEET
PUMPELLY OIL COMPANY
1890 SWISCO ROAD
SULPHUR, LA 70665
(337) 625-1117

CHEMICAL NAME & SYNONYMS:
TRADE NAME:
CHEMICAL FAMILY:
FORMULA:

Not Applicable
Epoxy Wash Thinner
Solvent
Proprietary

I. PHYSICAL DATA

BOILING RANGE	57 86 109°C / 135 187 229°F
API GRAVITY	38.0
SPECIFIC GRAVITY (Water=1)	6.955
POUNDS/GALLON	80.8
VAPOR PRESSURE (mm of Hg) @ 20 °C	3.1
SOLUBILITY IN WATER	APPRECIABLE
SOLUBILITY IN ACID (85% H1SO4)	APPRECIABLE
DRY TIME (Ether = 1)	3.4
%VOLATILE BY VOL.	100.0
APPEARANCE	Clear, Water-White
ODOR	Ketone
HKB (Hydrogen Bonding)	24.4
FKB (Polarity)	41.8
DKB (Dispersion)	33.9
REFRACTIVE INDEX	1.434

II. HAZARDOUS

INGREDIENTS

MATERIAL	CAS#	VOL%	TLV(ppm)
Toluene	108-88-3	>=80%	100
Acetone	67-64-1	>=20%	750
LOWEST KNOWN LD50 (ORAL)	108-88-3	3000 mg/kg (Rats)	
LOWEST KNOWN LD50 (VAPORS)	108-88-3	5300 PPM (Mice)	
LOWEST KNOWN OD 50 (SKIN)	108-88-3	4000 mg/kg (Rabbits)	
DOT SHIPPING NAME:	Flammable Liquid, N.O.S. (UN1263),Paint Related Material		
HAZARD RATING:PGII	FLAMMABILITY:3	REACTIVITY:0	
HEALTH:2			

III. FIRE AND EXPLOSION HAZARD DATA

LOWER FLAMMABLE LIMIT IN AIR (% by vol)	2.4
FLASH POINT (TEST METHOD):	-17°C /2°F (TCC) (LOWEST COMPONENT)
FLAMMABILITY CLASSIFICATION:	Class 1 B
EXTINGUISHING MEDIA:	NFPA Class B extinguishers (COI or foam) for Class 1 B liquid fires

SPECIAL FIRE FIGHTING PROCEDURES: Water spray can be ineffective on fire but can protect fire fighters & cool closed containers. Use fog nozzles if water is used.

UNUSUAL EXPLOSION AND FIRE PROCEDURES: FLAMMABLE! Keep container tightly closed. Isolated from oxidizers, heat, sparks, non-explosion proof electric equipment and open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions.

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts. Buyer assumes all risk and liability. He accepts and used this material on these conditions. He must have a copy of this MSDS where material is handled.

IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 160 PPM (Freshly prepared)

EFFECTS OF ACUTE OVEREXPOSURE: INHALING: Anesthetic. Irritates respiratory tract. May cause serious nervous system depression, damage to kidneys, blood, nerves, liver and lungs. SKIN CONTACT: Primary irritation, defatting, dermatitis. EYE CONTACT: Primary irritation, redness, tearing, blurred vision. EFFECTS OF SWALLOWING AND CHRONIC EXPOSURE: Vapor harmful. Harmful or fatal if swallowed. EMERGENCY AND FIRST AID PROCEDURES: In case of contact with skin, flush with plenty of water. For eyes, immediately flush with plenty of water for 15 minutes. After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration. If swallowed, CALL A PHYSICIAN IMMEDIATELY!! Do not induce vomiting. Have patient tie down and keep warm. Vomiting may lead to aspiration into lungs causing pneumonitis which may be fatal.

V. REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: Isolate from heat, sparks, non-explosion proof electric equipment and open flame.

MATERIALS TO AVOID: Isolate from strong oxidizers, such as permanganate.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide from thermal decomposition.

VI. ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES:

SMALL: Mop up with absorbent material and transfer to hood.

LARGE: Isolate from oxidizers, heat, sparks, electric equipment and open flame.

Unprotected persons should be kept from area until cleaned up.
Stop spill at source. Dike area to prevent spread. Pump liquid to salvage tank. Remainder may be taken up on absorbent material and shoveled into containers.

WASTE DISPOSAL METHOD:

SMALL: Evaporate until all vapors are gone. Dispose of remainder by legally applicable methods.

LARGE: Recycle or incinerate observing local, state and federal Health, safety and pollution laws.

VII. EMPLOYEE PROTECTION

RESPIRATORY PROTECTION:
(SPECIFY TYPE)

Ventilate to keep air below 80 ppm. If over TLV, use self-contained air pack approved by NIOSH/OSHA. Consult Safety Equipment Supplier. Use explosion proof electric equipment.

VENTILATION:

LOCAL EXHAUST: Preferable MECHANICAL (GENERAL): Acceptable
SPECIAL: None OTHER: None

PROTECTIVE CLOTHING:

Wear OSHA Standard chemical goggles. Consult Safety Equipment Supplier.
Wear gloves & footwear impervious to this material. Wash clothing before reuse.

VIII. SPECIAL PRECAUTIONS:

Vapors may ignite explosively. Vapors may spread long distances. Prevent vapor build-up. Put out pilot lights and turn off ignition sources during use and until all vapors are gone. Do not store above 49°C/120°F. Store large amounts in structures made for OSHA Class 1 B liquids. Avoid free fall of liquid. Ground containers when pouring. Do not flame out, saw, braze or weld. Empty containers are hazardous! continue all label precautions!

Dated: 1-27-1997