

SMITH & CO.
 5100 CHANNEL AVENUE
 RICHMOND, CA 94804
 510-237-6842

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **LAYUP & LAMINATING EPOXY PART B**
 FAMILY/CHEMICAL NAME: EPOXIDE
 PRODUCT TYPE: LIQUID RESIN
 INFOTRAC 24 HOUR EMERGENCY PHONE NO.: 1-800-535-5053
 MANUFACTURER: SMITH & CO.
 5100 CHANNEL AVENUE, RICHMOND CA 94804
 510-237-6842
 REVISED: 3/27/2006

SECTION II - INGREDIENTS

Name	Weight %	CAS #	OSHA TWA	OSHA PEL	OSHA STEL	ACGIH TLV	ACGIH TWA	ACGIH STEL
Bisphenol A Diglycidylether Resin	<50%	25068-38-6	N/A	N/A	N/A	N/A	N/A	N/A
Alpha Pinene Oxide	<50%	1686-14-12	N/A	N/A	N/A	N/A	N/A	N/A
Bisphenol F Diglycidylether Resin	<50%	55492-52-9	N/A	N/A	N/A	N/A	N/A	N/A
Phenylethylene Oxide	<50%	96-09-3	N/A	N/A	N/A	N/A	N/A	N/A
Aliphatic Polyol Polyepoxide	<50%	30499-70-8	N/A	N/A	N/A	N/A	N/A	N/A
Epoxidized Vegetable Oil	<50%	8013-07-8	N/A	N/A	N/A	N/A	N/A	N/A
Neopentyl Glycol Diglycidylether	<50%	17557-23-2	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexene Oxide	<50%	286-20-4	N/A	N/A	N/A	N/A	N/A	N/A
Epichlorohydrin	<1ppm	106-89-8	2PPM	N/A	N/A	N/A	2PPM	N/A

SUSPECTED CANCER AGENT

NO

SECTION III - HAZARDS IDENTIFICATION

APPEARANCE & ODOR:
 Clear viscous liquid, mild odor
 BOILING POINT:
 >200°C
 DECOMPOSITION TEMPERATURE:
 >200°C
 SOLUBILITY IN WATER:
 Insoluble
 SPECIFIC GRAVITY:
 1.17 (H2O=1)

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT:

>200°F

EXTINGUISHING MEDIA:

Carbon dioxide, foam, dry chemical, water spray.

FIRE FIGHTING PROCEDURES-SPECIAL:

Use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Decomposition and combustion products may be toxic.

SECTION V - REACTIVITY DATA

STABILITY:

Stable under normal storage conditions.

CONDITIONS TO AVOID:

Elevated temperatures

INCOMPATIBILITY:

Strong oxidizing agents, mineral acids (E.G. H₂SO₄, HCL, HNO₃, HClO₄) and epoxy resins under uncontrolled conditions.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide, Carbon dioxide, Aldehydes.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

Strong acids or bases in bulk.

SECTION VI - HEALTH HAZARD DATA

WARNING: MAY CAUSE SEVERE EYE AND SKIN BURNS. MAY CAUSE BLINDNESS. HARMFUL IF SWALLOWED. HIGH CONCENTRATION OF VAPORS MAY CAUSE SEVERE IRRITATION OF EYES AND RESPIRATORY TRACT.

PRIMARY ROUTES OF EXPOSURE:

Dermal

ORAL LD50:

(Rats) >5000 mg/kg; slightly toxic

SKIN IRRITATION:

(Rabbits) MODERATE IRRITATION

EYE IRRITATION:

(Rabbits) SLIGHT IRRITATION

SENSITIZATION:

MODERATE SENSITIZER

OVEREXPOSURE EFFECTS:

Irritation, sensitization and dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Allergy, eczema or skin conditions.

EMERGENCY AND FIRST AID PROCEDURES-EYES:

Immediately flush eyes with water for at least 15 minutes, lifting upper and lower lids occasionally. Call physician. Get immediate medical attention.

EMERGENCY AND FIRST AID PROCEDURES-SKIN:

Promptly wash with mild soap and water for at least 15 minutes while removing contaminated clothing and shoes.

EMERGENCY AND FIRST AID PROCEDURES-INGESTION:

If conscious, give large quantities of water. Induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person. Call a physician.

EMERGENCY AND FIRST AID PROCEDURES-INHALATION:

Remove to fresh air. Give oxygen if breathing is difficult.

EMERGENCY AND FIRST AID PROCEDURES-OTHER:

Promptly remove wet contaminated non-impervious clothing. Wash before reuse.

SECTION VII - SPILL OR LEAK PROCEDURES

SPILL PROCEDURES:

Avoid all personal contact. Take up with absorbent material. Shovel into closable containers. Flush contaminated area with water.

WASTE DISPOSAL METHODS:

Dispose of as hazardous waste in accordance with federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

VENTILATION:

Good general mechanical ventilation and local exhaust.

PROTECTIVE GLOVES:

Wear impervious gloves, neoprene or rubber.

EYE PROTECTION:

Wear splash-proof chemical goggles or safety spectacles with side shields.

RESPIRATORY PROTECTION:

Use NIOSH approved respirator suitable for organic vapors, if required.

OTHER PROTECTIVE EQUIPMENT:

Wear appropriate equipment to prevent eye or skin contact. Use of barrier cream recommended.

SECTION IX - SPECIAL PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN

HANDLING, SHIPPING AND STORING PRECAUTIONS:

WARNING !!! CAUSES IRRITATION.

May cause allergic skin reaction.

Avoid contact with eyes, skin or clothing.

Avoid breathing vapor, mist or spray.

Use with good ventilation.

Wash after handling, and before eating, drinking, smoking or using toilet facilities.

Re-seal partly used containers.

Ensure that all containers are properly labeled and/or stored away from children to prevent accidental ingestion.

Store in cool, dry area with adequate ventilation in closed containers, away from open flames and high temperatures.

SECTION X - STABILITY AND REACTIVITY

DOT CLASS:

Not regulated.

RCRA STATUS:

Not a hazardous waste under RCRA (40 CFR 261).

CERCLA STATUS:

Not listed.

TSCA INVENTORY STATUS:

Chemical components listed on TSCA inventory.

CALIFORNIA STATE HEALTH AND SAFETY CODE SECTION 25249.6 WARNING:

Detectable amounts of chemicals known to the state of California to cause cancer, birth defects or other reproductive harm may be found in this material, its containers, or the labels or packing materials associated therewith.

CALIFORNIA STATE PRODUCT LIABILITY WARNING (BUSINESS AND PROFESSIONS CODE, SECTION 1714.45):

This product is inherently unsafe. It cannot be made safe.

Issue date: 07/31/88 Revision: 03/27/2006

FOR FURTHER INFORMATION, PLEASE CONTACT: STEVE SMITH