

**MATERIAL SAFETY DATA SHEET
LAYUP & LAMINATING EPOXY PART B**

General Info: Distributed by
The Rot Doctor
P.O. BOX 30612
Seattle, WA 98113
(206)364-2155

FOR CHEMICAL EMERGENCY
Spill, Leak, Fire, Exposure or Accident
CALL INFOTRAC - Day or Night
1-800-535-5053
Outside the United States call Collect
1-352-323-3500

REVISION DATE: 03/27/2006

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: LAYUP & LAMINATING EPOXY PART B
FAMILY / CHEMICAL NAME: EPOXIDE
PRODUCT TYPE: LIQUID RESIN

SECTION II - INGREDIENTS

NAME	WEIGHT %	CAS #	OSHA	OSHA	OSHA	ACGIH	ACGIH	ACGIH
			TWA	PEL	STEL	TLV	TWA	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	<50%	286-20-4	N/A	N/A	N/A	N/A	N/A	N/A
Epichlorohydrin	<1 ppm	106-89-8	2PPM	N/A	N/A	N/A	2PPM	N/A

SUSPECTED CANCER AGENT: NO

SECTION III - HAZARDS IDENTIFICATION

APPEARANCE AND 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.

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===== **SECTION X - STABILITY AND REACTIVITY**
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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 can not be made safe.

ISSUE DATE: 07/31/1988 **REVISION:** 03/27/2006

FOR FURTHER INFORMATION, PLEASE CONTACT: The Rot Doctor, Inc.