

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

TRADE NAME: EP-RT3
CHEMICAL NAMES: Amine Curing Agent
MANUFACTURER'S NAME: EPOXY PAX
ADDRESS: 711 W. 17th Street B-5, Costa Mesa, CA 92627 (949) 646-2522
REVISION DATE: 9-23-09

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL NAMES:	CAS NUMBER	EXPOSURE LIMIT	
		ACGIH (TWA)	OSHA (PEL)
Tetraethylene Pentamine	112-57-2	NE	NE
Triethylene Triamine	112-24-3	NE	NE

SECTION III: PHYSICAL PROPERTIES

VAPOR DENSITY: NE
SPECIFIC GRAVITY: .99
VAPOR PRESSURE: mmHg @20°C: Not applicable
SOLUBILITY IN WATER: Slightly
APPEARANCE AND ODOR: Clear to amber low viscosity liquid with slight odor.

MELTING POINT: NA
BOILING POINT : >200°F
PERCENT VOLATILE BY WEIGHT: None
EVAPORATION RATE (BUTYL ACETATE=1): Not applicable

SECTION IV: FIRE AND EXPLOSION

FLASH POINT (°F):315°F (PMCC)
UNUSUAL FIRE & EXPLOSION HAZARDS: May generate toxic or irritating combustion products.
FIRE EXTINGUISHING MATERIALS: Carbon dioxide, foam or dry chemical.
FIRE EXTINGUISHING PROCEDURES: Firefighters should wear self-contained breathing apparatus.

AUTOIGNITION TEMPERATURE (°C):399

SECTION V: HEALTH HAZARD INFORMATION

ROUTES OF EXPOSURE AND POSSIBLE SYMPTOMS

HMIS: Health 2, Flammability 1, Reactivity 1
INHALED: Product will produce vapors that may be harmful if inhaled.
SKIN CONTACT: Can cause redness of skin and irritation in sensitive individuals.
EYE CONTACT: Possible extreme irritation. Wear safety goggles.
INGESTION: Information is not available; however, moderate potential for oral toxicity is expected.
SKIN ABSORPTION: Harmful if absorbed through skin. Protective gloves recommended.

HEALTH EFFECTS OR RISKS FROM EXPOSURE

ACUTE: This product may cause dermatitis in sensitive individuals.
CARCINOGENIC: This product is not considered to be carcinogenic by Massachusetts "Right-To-Know," OSHA, IARC, ACGIH and NTP.

FIRST AID

EYE CONTACT: Flush with water for at least 15 minutes. Seek medical attention.
SKIN CONTACT: Wash immediately with soap and water. If irritation persists, seek medical attention.
INHALED: Remove to fresh air.
INGESTION: Give 3-4 glasses of milk and seek medical attention immediately.

SECTION VI: REACTIVITY DATA

STABILITY: Stable Unstable

CONDITIONS TO AVOID: Extreme heat or fire.

INCOMPATIBILITY OF (MATERIALS TO AVOID): Strong oxidizers and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and nitrogen oxides.

HAZARDOUS POLYMERIZATION: May occur Will not occur

CONDITIONS TO AVOID: Vent curing ovens to outdoors.

SECTION VII: SPILL, LEAK AND DISPOSAL

SPILL PROCEDURES: Wipe-up spills with solvent-saturated toweling and collect in appropriate container for disposal.

WASTE DISPOSAL: When this product is cured, land fill burial is OK. It is not a hazardous waste when cured under RCRA (40 CFR 261). Curing of residual amounts is recommended. Combine 10 parts EP-204 with .65 parts RT3. Mix thoroughly, allow to cure. If disposed of uncured, observe state and local regulations.

SECTION VIII: SPECIAL HANDLING INFORMATION

VENTILATION: Use adequate ventilation. Local exhaust is recommended to control employees' exposure.

RESPIRATORY PROTECTION: Use NIOSH approved organic vapor respirator if needed.

EYE PROTECTION: Splash-proof safety goggles with side shields required.

GLOVES: Rubber gloves required.

CLOTHING: Protective smock recommended. Remove and wash any contaminated clothing.

STORAGE: Store at recommended temperature at all times.

SECTION IX: SHIPPING INFORMATION

DOT CLASSIFICATION: UN 2320 Tetraethylene pentamine, 8, PGIII
