



Form

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MATERIAL SAFETY DATA SHEETRev: B
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MATERIAL SAFETY DATA SHEET

----- I. PRODUCT IDENTIFICATION -----

TRADE NAME (as labeled): LATAPOXY® 2000 Industrial Epoxy Grout Part A

CHEMICAL FAMILY: Amine epoxy curing agent

MANUFACTURER'S NAME: LATICRETE INTERNATIONAL, INC.
1 Laticrete Park, N.
Bethany, CT 06524-3423 USA

Phone number for additional information: (203) 393-0010

Date prepared or revised: 1/09 Name of preparer: S.B. Fine

----- II. HAZARDOUS INGREDIENTS -----

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Tall Oil Fatty Acid Reaction Products with Tetraethylenepentamine	68953-36-6	45-55	N/A	N/A	N/A
Tetraethylenepentamine	112-57-2	8-15	N/A	N/A	N/A
N-aminoethylpiperazine	140-31-5	2-5	N/A	N/A	N/A
Diethylene Triamine (DETA)	111-40-0	5-8	N/A	N/A	ACGIH TWA 1 ppm
Bisphenol A	80-05-7	5-8	N/A	N/A	N/A
Modified cycloaliphatic amine	Trade Secret	5-8	N/A	N/A	N/A
Benzyl alcohol	100-51-6	5-8	10 ppm	N/A	N/A

N/A = Not applicable or available

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----- III. HEALTH HAZARD INFORMATION -----

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) On repeated over exposure could cause kidney and liver damage.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled: Vapors may irritate eyes, nose and throat.

Contact with skin or eyes: Causes severe irritation and pain and may cause burns necrosis, and permanent injury. Burns of the eye may cause blindness. Contact with skin quickly causes severe irritation and pain and may cause burns necrosis, and permanent injury (corrosive).

Absorbed through skin: A single prolonged exposure is unlikely to result in the material being absorbed in harmful amounts. The LD 50 for skin absorption in rabbits is 12996 mg/kg.

Swallowed: A single dose oral toxicity is low. The oral LD 50 for rats is 21919 mg/kg. Ingestion may cause gastrointestinal irritation, ulceration; mouth and throat burns.

SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists below.

YES: _____ Federal OSHA _____ NTP _____ IARC

Health = 2 Flammability = 0 Reactivity =1 PPE = NIOSH approved canister vapor mask, gloves, glasses

-----IV. FIRST AID: EMERGENCY PROCEDURES-----

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for a least 15 minutes while removing contaminated clothing or shoes. Call a physician if irritation persists. Wash clothing before reuse. See medical attention immediately.

Inhaled: If inhaled, remove to fresh air. If breathing has stopped administer artificial respiration and seek medical attention.

Swallowed Do not induce vomiting. Give large amounts of water or milk if available. Transport to a medical facility.



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V. FIRE AND EXPLOSION

Flash Point method): >200°F

Auto ignition temperature, °F: 676

Flammable limits in air, volume %:

Lower (LEL) _____

Upper (UEL)

Fire extinguishing materials:

water spray

carbon dioxide

_____ other:

foam

dry chemical

Special fire fighting procedures: NFPA class II of HMIS class I rating. Wear full protective gear and NIOSH/MSHA approved self-contained breathing apparatus

Unusual fire and explosion hazards: Solid stream of water or foam may cause frothing and splattering and spread hazard.

VI. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Dam and absorb spill with absorbent materials, minimize breathing vapors. Increase ventilation. Wear impervious gloves, safety goggles, and NIOSH approved organic vapor canister type respirator.

Preparing wastes for disposal (container types, neutralization, etc.): Absorb spill on sand, earth, or vermiculite. Carefully collect into closed containers for disposal. Wash spill area with 5% acetic acid then flush with water. Do not sewer.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

VII. Handling and Storage

Store in cool dry area.

VIII. Exposure Controls and Personal Protection

Ventilation and engineering controls: General ventilation should be adequate.

Respiratory protection (type): In confined areas, a NIOSH approved organic vapor canister type respirator should be worn.

Eye protection (type): Chemical splash proof goggles.

Gloves (specify material): Rubber or polyethylene gloves.

Other clothing and equipment: Long sleeved shirt and long trousers



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Work practices, hygienic practices: N/A

Other handling and storage requirements: N/A

Protective measures during maintenance of contaminated equipment: See above.

----- IX. PHYSICAL PROPERTIES -----

Vapor density (air=1): 3.56

Melting point or range, °F: N/A

Specific gravity: 0.96

Boiling point or range, °F: 390

Solubility in water: partially soluble

Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C: Less than 1mm Hg @ 200C

Appearance and odor: Amber colored liquid with amine odor

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist):

----- X. REACTIVITY DATA -----

Stability: x Stable Unstable

Conditions to avoid: N/A

Incompatibility (materials to avoid): Avoid acids oxidizing agents, halogenated organic compounds

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). Carbon monoxide, carbon dioxide, oxides of nitrogen.

Hazardous polymerization: May occur x Will not occur

Conditions to avoid: Epoxy resins or isocyanates can cause polymerization.

----- XI. Toxicology Information -----

The LD 50 for skin absorption in rabbits is >2000 mg/kg.

The oral LD 50 for rats is >2000 mg/kg.

----- XII. Ecological Information -----

N/A

----- XIII. Disposal Information -----

Dispose in compliance with local, state, and federal regulations.



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-----XIV. Transport Information-----

DOT NON-BULK SHIPPING NAME: UN2735 Amines, liquid, corrosive, n.o.s.
Technical Name (Polyamines and Tetraethylenepentamine) Class 8 PG II

For material in inner packagings not over 1 liter (0.3 gallon) can be classified Consumer Commodity ORM-D.

IMO SHIPPING DATA: UN2735 Amines, liquid, corrosive, n.o.s.
Technical Name (Polyamines and Tetraethylenepentamine) Class 8 PG II

ICAO/IATA SHIPPING DATA: UN2735 Amines, liquid, corrosive, n.o.s.
Technical Name (Polyamines and Tetraethylenepentamine) Class 8 PG II

-----XV. Regulatory Information-----

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.
Diethylene Triamine (DETA)-PA1-Pennsylvania Hazardous Substances List PA2-Pennsylvania Special Hazardous Substances List MA1-Massachusetts Hazardous Substances List, MA2-Massachusetts Extraordinary Hazardous Substance List NJ1-New Jersey Workplace hazardous substances List.

NJ2-New Jersey Special Health Hazards List CN-Canadian Ingredient Disclosure List NL-Not listed, Concentration Based Disclosure

This product contains the following chemicals, Bisphenol A, subject to the reporting requirements of Section 313 of the Emergency Planning and Community right-to-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDS's that are copies and distributed for this material. SARA Section 311 and 312 hazard classification(s) for this product are listed below: Immediate (acute) health hazard; Delayed (chronic) health hazard

W.H.M.I.S. Code E

-----XVI Other Information-----

This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.