



MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATAPOXY® 310 Stone Adhesive Part A Pail

CHEMICAL FAMILY: Amine Mixture

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: 1/11 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 tetraethylpentamine	68953-36-6	2-11	N/A	N/A	N/A
Nonylphenol	25154-52-3	0-7	N/A	N/A	N/A
Methylenebis(cyclohexanamine, 4,4'-)	1761-71-3	0-1.5	N/A	N/A	N/A
Phenol, 4-Nonyl-, Branched	84852-15-3	0-4	N/A	N/A	N/A
m-Xylene-.a., .a.'- Diamine	1477-55-0	0-4	0.1 mg/m ³	N/A	N/A
N-(aminoethyl)piperazine	140-31-8	0-2.5	N/A	N/A	N/A
Benzyl alcohol	100-51-6	0-2	10 ppm	N/A	N/A
tetraethylpentamine	112-57-2	0.4-3	5 mg/m ³	N/A	N/A

N/A = Not applicable or available

III. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) N/A

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)



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Inhalation: Toxic if inhaled. Vapors/mists may be corrosive to upper respiratory tract. Can cause severe respiratory tract burns.

Ingestion: Harmful if swallowed. Can cause severe burns of the mouth and throat as well as perforation of the esophagus and stomach.

Skin Contact: Corrosive. Harmful to skin. May cause skin burns. May cause sensitization.

Eye Contact: Corrosive to the eyes and may cause severe damage or blindness.

SUSPECTED CANCER AGENT?

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

YES: Federal OSHA NTP IARC

-----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: Wash thoroughly with plenty of soap and water. If irritation persists, seek medical advice.

Inhaled: Remove to fresh air.

Swallowed Do not induce vomiting. Give one glass of water, seek medical attention

----- V. FIRE AND EXPLOSION -----

Flash Point method): 200°F

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %: Lower (LEL) _____ Upper (UEL)

Fire extinguishing materials:

water spray carbon dioxide other:
 foam dry chemical

Special fire fighting procedures: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing. Keep people away, stay upwind, and isolate the fire area

Unusual fire and explosion hazards: May emit oxides of carbon and nitrogen



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----- VI. SPILL, LEAK, AND DISPOSAL PROCEDURES -----

Spill response procedures (include employee protection measures): Scrape or sweep up material. Wear impervious gloves and safety goggles.

Preparing wastes for disposal (container types, neutralization, etc.): Incinerate or bury in landfill in accordance to all applicable regulations. Cured product is not a hazardous waste.

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

-----VII. Handling and Storage-----

Store in cool, dry, well ventilated area below 90 degrees F. Do not freeze.

----- VIII. Exposure Controls and Personal Protection -----

Ventilation and engineering controls: None required.

Respiratory protection (type): If TLV is exceeded, wear respirator with organic vapor cartridges.

Eye protection (type): Safety Glasses or Goggles

Gloves (specify material): When mixing by hand appropriate impervious gloves are recommended. Because a wide variety of protective gloves exist, consult glove manufacturer for recommendations

Other clothing and equipment: Long sleeved clothing

Work practices, hygienic practices: Normal good housekeeping

Other handling and storage requirements: Store in cool, dry, well ventilated area below 90 degrees F. Do not freeze.

Protective measures during maintenance of contaminated equipment: See above

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

Vapor density (air=1): N/A

Melting point or range, °F: N/A

Specific gravity: 1.5

Boiling point or range, °F: N/A

Solubility in water: Negligible

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

Vapor pressure, mmHg at 20°C: N/A

VOC: <1%

Appearance and odor: Red paste

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



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X. REACTIVITY DATA

Stability: Stable Unstable

Conditions to avoid: Mixing quantities greater than one pound will cause a hazardous exothermic (heat releasing) reaction.

Incompatibility (materials to avoid): None

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). Oxides of carbon and nitrogen

Hazardous polymerization: May occur Will not occur

Conditions to avoid: N/A

XI. Toxicology Information

Ingredient name

Phenol, 4-Nonyl-, Branched

LD50 Oral	Rat	1,300 mg/kg
LD50 Dermal	Rabbit	3,160 mg/kg

m-Xylene-.a., .a.'-Diamine

LD50 Oral	Rat	930 mg/kg
LC50 Inhalation	Rat	700 ppm/1 h
LD50 Dermal	Rabbit	2,000 mg/kg

Isophorone Diamine

LD50 Oral	Rat	1,030 mg/kg
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Tetraethylenepentamine

LD50 Oral	Rat	3,990 mg/kg
LD50 Dermal	Rat	660 mg/kg

XII. Ecological Information

Environmental effects

No known significant effects or critical hazards.

Aquatic ecotoxicity

Ingredient name

Phenol, 4-Nonyl-, Branched

Fresh water	Acute LC50 0.1383 mg/l/4 d	Fathead minnow
Fresh water	Acute LC50 0.1351 mg/l/4 d	Bluegill
Salt water	Acute LC50 0.142 mg/l/4 d	Sheepshead minnow

Other adverse effects

No known significant effects or critical hazards.



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

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

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

Mixture of Regulatory information CFR	UN/NA number	Proper shipping name	Classes/*PG
	2735	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (M-XYLYLENEDIAMINE, ISOPHORONE DIAMINE,)	Class 8 II
IMO/IMDG	2735	POLYAMINES, LIQUID, CORROSIVE, N.O.S. contains (M-XYLYLENEDIAMINE, ISOPHORONE DIAMINE,)	Class 8 II
IATA (Cargo)	2735	POLYAMINES, LIQUID, CORROSIVE, N.O.S. contains (M-XYLYLENEDIAMINE, ISOPHORONE DIAMINE)	Class 8 II
And Regulatory information CFR	UN/NA number	Proper shipping name	Classes/*PG
	2815	N-(AMINOETHYL)PIPERAZINE	Class 8 III
IMO/IMDG	2815	N-(AMINOETHYL)PIPERAZINE	Class 8 III
IATA (Cargo)	2815	N-(AMINOETHYL)PIPERAZINE	Class 8 III

Other Requirements

Inner Packagings not over 1.0 Liter (0.3 gallon) packed in strong outer packagings are marked as "ORM-D" Consumer Commodity

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

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.

Right to Know
US regulations

HCS Toxic material, Corrosive material, Sensitizing material, Target organ

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Classification effects

U.S. Federal regulations SARA 311/312 Classification Immediate (acute) health hazard, Delayed (chronic) health hazard

SARA 313 - Supplier Notification
This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C- Supplier Notification Requirement of 40 CFR Part 372.
None required.

SARA 302 Extremely Hazardous Substances None required.

State regulations Massachusetts RTK Substances The following components are listed:
m-Xylene-.a., .a.'-Diamine,

New Jersey RTK Hazardous Substances The following components are listed:
m-Xylene-.a., .a.'-Diamine,
Phenol, 4-Nonyl-, Branched,
Isophorone Diamine,

Pennsylvania RTK Hazardous Substances The following components are listed:
m-Xylene-.a., .a.'-Diamine,

California Prop. 65: None required.

Canada

WHMIS (Canada) Class D-1B: Material causing immediate and serious toxic effects (Toxic).
Class D-2A: Material causing other toxic effects (Very toxic).
Class D-2B: Material causing other toxic effects (Toxic).
Class E: Corrosive material

Canadian lists Canadian NPRI: The following components are listed: Phenol, 4-Nonyl-, Branched,



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International regulations

Chemical inventories Europe inventory All components are listed or exempted.
Australia inventory (AICS) All components are listed or exempted.
China inventory (IECSC) All components are listed or exempted.
Japan inventory (ENCS) All components are listed or exempted.
Japan inventory (ISHL) Not determined.
Korea inventory (KECI) All components are listed or exempted.
New Zealand Inventory (NZIoC) Not determined.
Philippines inventory (PICCS) All components are listed or exempted.
United States inventory (TSCA 8b) All components are listed or exempted.
Canada inventory All components are listed or exempted.

Hazardous Material Health : 3
Information System Flammability: 1
III (U.S.A.) Physical hazards : 0
Chronic : *

-----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.