

# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATAPOXY® 300 Adhesive Part A

CHEMICAL FAMILY: Amine epoxy curing agent

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

Reviewed & Approved By:  
*Steven B. Fine*  
Steven B. Fine  
Sr. Research Chemist/Safety Officer

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

Date prepared or revised: 1/07 Name of preparer: S.B. Fine

## II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Polyamide resin	Trade Secret	80-90	N/A	N/A	
Polyethylenepolyamine	Trade Secret	5-10	N/A	N/A	
Modifier	Trade Secret	2-7	N/A	N/A	
Tertiaryamine	Trade secret	0-3	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). Sensitization and asthmatic reaction may develop with continued exposure to vapors.

### SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled: Breathing vapors may cause irritation of the nose and throat. Symptoms associated with pre-existing lung disorders may be aggravated by exposure to this material.

Contact with skin or eyes: This material causes severe eye irritation. Direct contact with the material or exposure to vapor or mists may cause stinging, tearing, redness, blurred vision, and chemical burns of the cornea. Burns of the eye may cause blindness. This material is corrosive to skin. Skin sensitization and allergic reaction are possible.

Absorbed through skin: N/A

Swallowed: Not likely to occur in typical industrial environments however ingestion of this material may be harmful or fatal.

### 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: Remove product and immediately flush affected area with water for at least 15 minutes. Call a physician. Except in the most minor, superficial and localized burns, cover the affected area with a sterile dressing or clean sheeting and transport for medical care. DO NOT APPLY GREASES OR OINTMENTS. Control shock, if present. Launder contaminated clothing prior to reuse. Contaminated leather wear should be discarded. Victims of a major skin area contact should remain under medical observation for at least 24 hours due to possible delayed effects.

Inhaled: If breathing has stopped or is labored give assisted respiration (e.g. mouth-to-mouth). Supplemental oxygen may be indicated. Prevent aspiration of vomit. Turn victim's head to the side. Assure mucus does not obstruct airway. Call a physician

Swallowed

In the event of ingestion, DO NOT INDUCE VOMITING. Obtain medical care and hospital treatment immediately.

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

Flash Point method): 350°F (Cleveland Open Cup)

Auto ignition temperature, °F:

Flammable limits in air, volume %:

Lower (LEL) \_\_\_\_\_

Upper (UEL)

Fire extinguishing materials:

  x   water spray

  x   carbon dioxide

\_\_\_\_\_ other:

  x   foam

  x   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. Retain expended liquids from fire fighting for later disposal.

Unusual fire and explosion hazards: N/A

-----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): Nitrile rubber gloves. In emergency situations, wear impermeable gloves with cuffs to prevent spread of material to area above the wrists.

Other clothing and equipment: Long sleeved shirt and long trousers

Work practices, hygienic practices: Wash at the end of each work shift and before eating, smoking or using the toilet. Launder or discard contaminated clothing. Discard contaminated leather articles. Examine protective gloves before using. Discard if find evidence of holes or cracks

Other handling and storage requirements: N/A

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: 0.99 Boiling point or range, °F: N/A

Solubility in water: slightly soluble Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C: N/A

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): Oxidizing Agents (i.e. perchlorates, nitrates etc.). Cleaning solutions, such as chromerge (sulfuric acid/dichromate) and aqua regia. a reaction accompanied by large heat release occurs when the product is mixed with acids.

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: N/A.

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

Polyamide resin – Oral (Rat) LD50 <5 g/kg Irritation data skin- rabbit: corrosive eye – rabbit: severe  
Polyethylenepolyamine Oral (Rat) LD50 3.99 g/kg Irritation data skin- rabbit: moderate eye – rabbit: severe

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

N/A

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

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

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

DOT Hazard Class: 8 DOT Proper Shipping Name: Corrosive liquid, n.o.s. Technical Name: contains polyethylenepolyamine DOT Identification Number: UN1760 Surface Freight Classification: Resin Solution Packing Group: III

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

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.  
SARA Section 311/312 Hazard Classification: Immediate (Acute) Health, Delayed (chronic) Health.  
New Jersey Worker and Community Right to Know Act: This product contains the following substances which appear on the Hazardous Substance List, are Trade Secret, or are top five ingredients:

Chemical Name	CAS or NJTS#	Wt %
Trade Secret	NJT SRN-X-11046	85
Trade Secret	NJT SRN-X-11046	8
Trade Secret	NJT SRN-X-11046	5

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.

# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATAPOXY® 300 Adhesive Part B

CHEMICAL FAMILY: Epoxy Resin

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

Reviewed & Approved By:  
Steven B. Fine  
Steven B. Fine  
Sr. Research Chemist/Safety Officer

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

Date prepared or revised: 1/07 Name of preparer: S.B. Fine

## II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Polymer of Bisphenol A and Epichlorohydrin Alkyl glycidyl ether	25085-99-8	60-70	N/A	N/A	N/A
Bisphenol F diglycidly ether	28064-14-4 68609-97-2	15-20 10-15	N/A N/A	N/A N/A	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) None Known

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled: May cause irritation of respiratory tract.

Contact with skin or eyes: Minor transient irritation for eye contact. No corneal injury likely. May cause allergic skin reaction. Prolonged exposure not likely to cause skin irritation. Skin sensitizer

Absorbed through skin: Not likely to absorb through skin in toxic amount in a single prolonged exposure. LD 50 for skin absorption for rabbits = 20,000 mg/kg.

Swallowed: Causes gastrointestinal irritation and possible burns if swallowed

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: Contact will probably cause no more than irritation. Wash off in flowing water or shower. Wash clothing before reuse.

Inhaled: If inhaled, remove to fresh air. If effects occur consult a physician  
Swallowed Do not induce vomiting. Call a physician

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

Flash Point method): 245 F method used = PMCC

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %:

Lower (LEL) \_\_\_\_\_

Upper (UEL)

Fire extinguishing materials:

\_\_\_\_\_ water spray

  x   carbon dioxide

\_\_\_\_\_ other:

  x   foam

  x   dry chemical

Special fire fighting procedures: Wear positive pressure self contained breathing apparatus

Unusual fire and explosion hazards: None known.

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

Spill response procedures (include employee protection measures): Soak up in absorbent material or scrape up. Residual can be removed with hot water and a nonionic surfactant. Wear goggles, rubber gloves, long sleeved clothing.

Preparing wastes for disposal (container types, neutralization, etc.): Burn in adequate incinerator or bury in an approved landfill.

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: Good room ventilation should be adequate for most operations

Respiratory protection (type): None normally needed

Eye protection (type): Chemical splash proof goggles, safety glasses

Gloves (specify material): Rubber or polyethylene gloves

Other clothing and equipment: clean, body-covering clothing

Work practices, hygienic practices: N/A

Other handling and storage requirements: N/A

Protective measures during maintenance of contaminated equipment: See above



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled LATAPOXY® 300 Adhesive Part C

CHEMICAL FAMILY: Proprietary Blend

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

Reviewed & Approved By:
Steven B. Fine
Steven B. Fine
Sr. Research Chemist/Safety Officer

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

Date prepared or revised: 1/07 Name of preparer: S.B. Fine

II. HAZARDOUS INGREDIENTS

Table with 6 columns: CHEMICAL NAMES, CAS NUMBERS, PERCENT, ACGIH TLV, OSHA PEL, OTHER (SPECIFY). Rows include Silica Sand, Aluminum Oxide, and Titanium Dioxide.

N/A = Not applicable or available

III. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) Inhaled: Symptoms are dyspnea-caused by many lung scars that develop from the dust-pain in chest, decreased vital Chronic lung scarring leads to a progressive massive fibrosis that is often accompanied by increased susceptibility to the risk of impaired health due to a combination of smoking and dust exposure. Persons with reduced pulmonary function may be at increased risk.

capacity and cough. Inhalation of the dust can cause silicosis and may cause lung cancer depending on duration and level of exposure

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects) Eye contact may cause eye irritation. Inhalation of dust may cause lung irritation.

SUSPECTED CANCER AGENT?

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

YES: \_\_\_ Federal OSHA \_\_\_ NTP \_\_\_x\_\_\_ 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: If irritation occurs, remove affected clothing and wash the skin exposed.

Inhaled: Remove to fresh area. For extreme respiratory distress, administer oxygen.

Swallowed Refer to physician

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

Flash Point method): Non Flammable or combustible

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: Wear self-contained breathing apparatus with full face piece and protective clothing.

Unusual fire and explosion hazards: This product may form explosive dust clouds in air.

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

Spill response procedures (include employee protection measures): Clean up with dustless method (use vacuum or wet sweeping). Wear NIOSH approved dust mask, safety glasses, gloves.

Preparing wastes for disposal (container types, neutralization, etc.): N/A

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: normal ventilation

Respiratory protection (type): NIOSH approved disposable dust mask if PEL is exceeded

Eye protection (type): safety glasses

Gloves (specify material): cloth or impermeable gloves

Other clothing and equipment: long sleeved clothing

Work practices, hygienic practices: normal good housekeeping

Other handling and storage requirements: keep away from strong alkalis and oxidizers

Protective measures during maintenance of contaminated equipment: Wear NIOSH approved dust mask, safety glasses, gloves

