

# SAFETY DATA SHEET

# 1. Identification

Product identifier	LATAPOXY BIOGREEN 300 Part A Adhesive
Other means of identification	None.
Recommended use	Thin set.
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/	Distributor information
Company Name	LATICRETE International
Address	1 Laticrete Park, N
	Bethany, CT 06524
Telephone	(203)-393-0010
Contact person	Steve Fine
Website	www.laticrete.com
Emergency phone number	Call CHEMTREC day or night
	USA/Canada - 1.800.424.9300
	Mexico - 1.800.681.9531
	Outside USA/Canada

1.703.527.3887

### 2. Hazard(s) identification

( )		
Physical hazards	Not classified.	
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 4
	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	
Label elements		
Signal word	Danger	
Hazard statement	Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.	
Precautionary statement		
Prevention	Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.	

Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Response If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name		CAS number	%
2,2'-iminodiethylamine		111-40-0	35 - 70
Nut shell oil		8007-24-7	5 - 25
3,6,9-triazaundecamethylene amine	di	112-57-2	7 - 10
1,3-bis[3-(dimethylamino)pro l]urea	ру	52338-87-1	1 - 5
Composition comments	All concentrations are in percent by weig percent by volume.	ght unless ingredient is a gas. Ga	s concentrations are i
4. First-aid measures			
Inhalation	Remove victim to fresh air and keep at r if symptoms develop or persist.	est in a position comfortable for b	reathing. Call a physi
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.		
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.		
Ingestion	Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Call a physician or poison control center immediately.		
Most important symptoms/effects, acute and delayed	Corrosive effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Vapors may irritate throat and respiratory system and cause coughing. Sensitization.		
Indication of immediate medical attention and special	Provide general supportive measures ar immediately. While flushing, remove clo		

Indication of immediateProvide general supportive measures and treat symptomatically. Chemical burns: Flush with watemedical attention and specialimmediately. While flushing, remove clothes which do not adhere to affected area. Call antreatment neededambulance. Continue flushing during transport to hospital.General informationEnsure that medical personnel are aware of the material(s) involved, and take precautions to

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

# 5. Fire-fighting measures

Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	By heating and fire, irritating vapors/gases may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.
General fire hazards	No unusual fire or explosion hazards noted.

#### 6. Accidental release measures

Personal precautions,<br/>protective equipment and<br/>emergency proceduresKeep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear<br/>appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local<br/>authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Do not discharge into drains, water courses or onto the ground. Environmental manager must be informed of all major releases.
7. Handling and storage	
Precautions for safe handling	Do not breathe mist or vapor. Do not get in eyes, on skin, on clothing. Do not taste or swallow. Persons susceptible for allergic reactions should not handle this product. Use with adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store in a cool and well-ventilated place. Store away from incompatible materials (See Section 10).

# 8. Exposure controls/personal protection

#### **Occupational exposure limits**

#### US. ACGIH Threshold Limit Values

Components	Туре	Value	
2,2'-iminodiethylamine (CAS 111-40-0)	TWA	1 ppm	
US. NIOSH: Pocket Guide t	o Chemical Hazards		
Components	Туре	Value	
2,2'-iminodiethylamine (CAS 111-40-0)	TWA	4 mg/m3	
		1 ppm	
US. Workplace Environmer	ntal Exposure Level (WEEL) G	uides	
Components	Туре	Value	Form
3,6,9-triazaundecamethylen ediamine (CAS 112-57-2)	TWA	5 mg/m3	Aerosol.
		1 ppm	Aerosol.
Biological limit values	No biological exposure limits	noted for the ingredient(s).	
Exposure guidelines			
US - California OELs: Skin	designation		
2,2'-iminodiethylamine ( US - Minnesota Haz Subs: \$	,	Can be absorbed through the skin	
2,2'-iminodiethylamine (0 US ACGIH Threshold Limit	,	Skin designation applies.	
2,2'-iminodiethylamine (0 US WEEL Guides: Skin des	,	Can be absorbed through the skin	
3,6,9-triazaundecamethy US. NIOSH: Pocket Guide to	vlenediamine (CAS 112-57-2) o Chemical Hazards	Can be absorbed through the skin	
2,2'-iminodiethylamine (0	CAS 111-40-0)	Can be absorbed through the skin	
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.		
Individual protection measures	, such as personal protective	equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles). Face-shield. Wear a full-face respirator, if needed.		
Skin protection			
Hand protection	Wear appropriate chemical resistant gloves.		

Skin protection	
Other	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or smoke. Do not get this material on clothing. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

# 9. Physical and chemical properties

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Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Dark brown.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Bulk density	8.26 lbs/gal
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
10. Stability and reactivity	,
Description of the	The product is stable and one protion or dependence with an different function of the second terms and the second

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.	
Chemical stability	Material is stable under normal conditions.	
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.	
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.	
Incompatible materials	Oxidizing agents. Strong acids. A reaction accompanied by large heat release occurs when the product is mixed with acids.	
Hazardous decomposition products	Carbon dioxide (CO2). Carbon monoxide. Nitrogen oxides.	

# 11. Toxicological information

Information on likely routes of exposure		
Inhalation	In high concentrations, vapors may be irritating to the respiratory system. Vapors may cause headache, fatigue, dizziness and nausea.	
Skin contact	Harmful in contact with skin. Causes skin burns. May cause an allergic skin reaction.	

LATAPOXY BIOGREEN 300 Part A Adhesive

Ingestion         Hamful if sealloued, May cause burns of the gastrointestinal tract if swallowed, May cause nauses, headobee, dizziness and individuation.           Symptoms related to the physical, chemical and consolved fields. Symptoms may include stringing, tearing, redness, swelling, and blurred vision. Permanent eye damage including blurdness could result. Vapors may intrate throat and respiratory system and cause coughing. Sensitzato:           Components         Species         Test Results           Components         Species         Test Results           2.2-innicalently larmine (CAS 111-40-0)         Acute for the system and cause coughing. Sensitzato:         Test Results           2.2-innicalently larmine (CAS 111-40-0)         Acute for the system and cause coughing. Sensitzato:         Test Results           2.2-innicalently larmine (CAS 111-40-0)         Acute for the system and cause coughing. Sensitzato:         Test Results           Dormal         LD50         Rat         1080 mg/kg           3.8,9-triazzandecamethylenediamine         (CAS 112-57-2)         Acute           Acute         Causes service skin burns.         Carion (Causes service skin burns.           Serious evel damage/evel         Causes service skin burns.         Carion (Causes service skin burns.           Serious evel damage/evel         No data available.         Sin corrosion/firitation           Marge and and consolver data available.         No data available.         Sin c	Eye contact	Causes serious eye damage.		
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Bioaccumulative potential       No data available for this product.         Partition coefficient n-octanol / water (log Kow)       3,6,9-triazaundecamethylenediamine (CAS 112-57-2)         Mobility in soil       Not available.	Persistence and degradability			
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Mobility in soil         Not available.	Partition coefficient n-octan	ol / water (log Kow)		
-	-			
	-	Not available.		

# 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

# 14. Transport information

DOT	
UN number	UN1760
UN proper shipping name	Corrosive liquids, n.o.s. (2,2'-iminodiethylamine, 3,6,9-triazaundecamethylenediamine)
Transport hazard class(es)	
Class	8
Subsidiary risk	
Label(s)	8
Packing group	I
Environmental hazards	
Marine pollutant	No
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B2, IB2, T11, TP2, TP27
Packaging exceptions	154
Packaging non bulk	202
Packaging bulk	242
ΙΑΤΑ	
UN number	UN1760
UN proper shipping name	Corrosive liquid, n.o.s. (2,2'-iminodiethylamine, 3,6,9-triazaundecamethylenediamine)
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	II
Environmental hazards	No
ERG Code	8L
	Read safety instructions, SDS and emergency procedures before handling.
IMDG	
UN number	UN1760
UN proper shipping name	CORROSIVE LIQUID, N.O.S. (2,2'-iminodiethylamine, 3,6,9-triazaundecamethylenediamine)
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	
Environmental hazards	
Marine pollutant	No
EmS	F-A, S-B
	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	This substance/mixture is not intended to be transported in bulk.
Annex II of MARPOL 73/78 and	
the IBC Code	·····
General information	IATA classification is not relevant as the material is not transported by air.
15. Regulatory information	
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Not regulated.	ad Substances (20 CEP 1010 1001 1050)	
Not regulated.	ed Substances (29 CFR 1910.1001-1050)	
CERCLA Hazardous Subst	ance List (40 CFR 302.4)	
Not listed.		
uperfund Amendments and R	eauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No	
SARA 302 Extremely hazar Not listed.	rdous substance	
SARA 311/312 Hazardous chemical	Yes	
SARA 313 (TRI reporting) Not regulated.		
ther federal regulations		
Clean Air Act (CAA) Sectio	n 112 Hazardous Air Pollutants (HAPs) List	
Not regulated.		
	n 112(r) Accidental Release Prevention (40 CFR 68.130)	
Not regulated. Safe Drinking Water Act (SDWA)	Not regulated.	
S state regulations	California Safe Drinking Water and Toxic Enforcement Act of 1986 is not known to contain any chemicals currently listed as carcinoge	
US. Massachusetts RT	K - Substance List	
	ine (CAS 111-40-0) nethylenediamine (CAS 112-57-2) er and Community Right-to-Know Act	
	ine (CAS 111-40-0) nethylenediamine (CAS 112-57-2) <b>ker and Community Right-to-Know Law</b>	
2,2'-iminodiethylam 3,6,9-triazaundecar <b>US. Rhode Island RTK</b>	nethylenediamine (CAS 112-57-2)	
Not regulated.		
US. California Proposition Not Listed.	65	
nternational Inventories		
Country(s) or region	Inventory name	On inventory (yes/no
Australia	Australian Inventory of Chemical Substances (AICS)	Ν
Canada	Domestic Substances List (DSL)	Ye
Canada	Non-Domestic Substances List (NDSL)	N
China	Inventory of Existing Chemical Substances in China (IECSC)	Ye
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Ye
Europe	European List of Notified Chemical Substances (ELINCS)	Ν
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Ν
Korea	Existing Chemicals List (ECL)	Ye
New Zealand	New Zealand Inventory	Ye

#### Country(s) or region

#### Inventory name

#### erto Rico Toxic Substances Control Act (TSCA) Inventory

United States & Puerto Rico

a Puerto Rico Toxic Substances Control Act (TSCA) Inventory

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

Issue date	09-November-2016
Revision date	-
Version #	01
NFPA ratings	3 0
References	HSDB® - Hazardous Substances Data Bank Registry of Toxic Effects of Chemical Substances (RTECS)
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