

SAFETY DATA SHEET

1. Identification

Product identifier	LATAPOXY® 310 Stone Adhesive Part A Cartridge
Other means of identification	None.
Recommended use	Adhesive.
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

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Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Reproductive toxicity	Category 2
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	
Label elements		
Signal word	Danger	
Hazard statement	Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects.	
Precautionary statement		
Prevention		

ResponseIf 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. Collect spillage.

Store locked up.

Storage

None.

3. Composition/information on ingredients

Mixtures

	CAS number	%
	471-34-1	20 - 22
	84852-15-3	5 - 7
	68953-36-6	3 - 4
	1761-71-3	1 - 2
	112-57-2	0.5 - 1.5
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.		
Remove victim to fresh air and keep at res attention if any discomfort continues.	t in a position comfortable for b	reathing. Get medical
Take off immediately all contaminated clothing. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. Get medical attention immediately.		
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.		
Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues.		
Rash. Corrosive effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.		
Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.		
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.		
Alcohol resistant foam. Water fog. Dry che	mical powder. Carbon dioxide	(CO2).
Do not use water jet as an extinguisher, as this will spread the fire.		
Heating may cause the release of ammonia vapors.		
Self-contained breathing apparatus and fu	Il protective clothing must be w	orn in case of fire.
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can c so without risk. Use water spray to cool unopened containers.		
		om fire area if you can
	 percent by volume. Remove victim to fresh air and keep at rest attention if any discomfort continues. Take off immediately all contaminated clott Wash contaminated clothing before reuse. Immediately flush eyes with plenty of wate present and easy to do. Continue rinsing. Rinse mouth. Do not induce vomiting. If voldoesn't get into the lungs. Get medical atter Rash. Corrosive effects. Symptoms may invision. Permanent eye damage including the Provide general supportive measures and Chemical burns: Flush with water immedia adhere to affected area. Call an ambulance Ensure that medical personnel are aware a protect themselves. Alcohol resistant foam. Water fog. Dry chemical burns is an extinguisher, as the atting may cause the release of ammonitation. 	471-34-1 84852-15-3 68953-36-6 1761-71-3 112-57-2 All concentrations are in percent by weight unless ingredient is a gas. Gas percent by volume. Remove victim to fresh air and keep at rest in a position comfortable for b attention if any discomfort continues. Take off immediately all contaminated clothing. Chemical burns must be t Wash contaminated clothing before reuse. Get medical attention immediat lmmediately flush eyes with plenty of water for at least 15 minutes. Remo present and easy to do. Continue rinsing. Get medical attention immediat Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low s doesn't get into the lungs. Get medical attention if any discomfort continue Rash. Corrosive effects. Symptoms may include stinging, tearing, redness vision. Permanent eye damage including blindness could result. Provide general supportive measures and treat symptomatically. Symptor Chemical burns: Flush with water immediately. While flushing, remove clo adhere to affected area. Call an ambulance. Continue flushing during tran Ensure that medical personnel are aware of the material(s) involved, and protect themselves. Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (Do not use water jet as an extinguisher, as this will spread the fire.

6. Accidental release measures

Personal precautions,
protective equipment and
emergency proceduresKeep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear
appropriate protective equipment and clothing during clean-up. Do not touch damaged containers
or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.
Local 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.
Environmental precautions	Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. 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 handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Do not get in eyes, on skin, on clothing. Persons susceptible to 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.

8. Exposure controls/personal protection

Components	Туре	Value	Form
Calcium carbonate, synthetic (CAS 471-34-1)	TWA	5 mg/m3	Respirable.
-, ,		10 mg/m3	Total
•	ntal Exposure Level (WEEL) Guides		
Components	Туре	Value	Form
Tetraethylene pentamine (CAS 112-57-2)	TWA	5 mg/m3	Aerosol.
		1 ppm	Aerosol.
Biological limit values	No biological exposure limits noted fo	or the ingredient(s).	
xposure guidelines			
US WEEL Guides: Skin de	signation		
Tetraethylene pentamin	e (CAS 112-57-2) Can b	be absorbed through the skin.	
Appropriate engineering controls	Good general ventilation (typically 10 should be matched to conditions. If ap or other engineering controls to maint exposure limits have not been establis eyewash station.	oplicable, use process enclos ain airborne levels below reco	ures, local exhaust ventilation, ommended exposure limits. If
ndividual protection measures	s, such as personal protective equipme	ent	
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 of	gloves.	
•	Wear appropriate chemical resistant ç	gloves.	
Hand protection	Wear appropriate chemical resistant of Wear appropriate chemical resistant of Wear appropriate chemical resistant of the second	-	
Hand protection Skin protection		clothing.	int.
Hand protection Skin protection Other	Wear appropriate chemical resistant of	clothing. r suitable respiratory equipme	ent.

9. Physical and chemical properties

Appearance		
Physical state	Solid.	
Form	Paste.	
Color	Light red.	
Odor	Ammonia.	
		222.112

Odor threshold	Not available.
рН	Not applicable.
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not available.
Flash point	Non flammable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not available.
Upper/lower flammability or expl	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Relative density	1.5 g/ml
Solubility(ies)	
Solubility (water)	Insoluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
10. Stability and reactivity	
Reactivity	Corrosive to certain metals. Conner Aluminum, Zinc

Reactivity	Corrosive to certain metals. Copper Aluminum. Zinc.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks. Contact with incompatible materials.
Incompatible materials	Alkaline metals. Oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon dioxide (CO2). Carbon monoxide. Nitrogen oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause respiratory irritation.
Skin contact	Causes skin burns. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Ingestion	May cause burns of the gastrointestinal tract if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Rash. Corrosive effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Information on toute dealers of the	

Information on toxicological effects

Acute toxicity	May cause discomfort if swallowed.	
Components	Species	Test Results
Calcium carbonate, synthe	etic (CAS 471-34-1)	
Acute		
Oral		
LD50	Rat	6450 mg/kg

Components	Specie	S	Test Results
Fatty acids, tall-oil, reaction produ	ucts with tetra	aethylenepentamine (CAS 68	953-36-6)
<u>Acute</u>			
Oral			
LD50	Rat > 2000 mg/kg		
Nonyl Phenol (CAS 84852-15-3)			
<u>Acute</u>			
Dermal LD50	Rabbit		3160 mg/kg
Oral	Rabbit		o roo nigikg
LD50	Rat		1300 mg/kg
Tetraethylene pentamine (CAS 1			
Acute			
Dermal			
LD50	Rabbit		0.66 g/kg
Oral			
LD50	Rat		2.1 g/kg
Skin corrosion/irritation	Causes s	evere skin burns and eye dar	nage.
Serious eye damage/eye irritation	Causes s	erious eye damage.	
Respiratory or skin sensitizatio	on		
Respiratory sensitization	No data available.		
Skin sensitization	May cause an allergic skin reaction.		
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		
IARC Monographs. Overall	Evaluation	of Carcinogenicity	
Not listed.			
NTP Report on Carcinoger	IS		
Not listed. OSHA Specifically Regulat	ed Substan	ces (29 CFR 1910.1001-1050))
Not regulated.			-,
Reproductive toxicity	Suspected of damaging fertility or the unborn child.		
Specific target organ toxicity - single exposure	No data available.		
Specific target organ toxicity - repeated exposure	No data a	vailable.	
Aspiration hazard	Not class	ified.	
Chronic effects	No data available.		
12. Ecological informatio	n		
Ecotoxicity	Toxic to a	quatic life with long lasting ef	fects.
Components		Species	Test Results
4,4'-Methylenebis(cyclohexy	lamine) (CAS	S 1761-71-3)	
Aquatic			
Acute	5050		
Algae	EC50	Algae	140 - 200 mg/l, 72 hours
Crustacea	EC50	Daphnia	6.84 mg/l, 48 hours
Fish	LC50	Golden orfe	46 - 100 mg/l, 96 hours

Components		Species	Test Results	
Calcium carbonate, synthetic	c (CAS 471-34	I-1)		
Aquatic				
Acute				
Fish	LC50	Western mosquitofish (Gam	busia affinis) >56000 mg/l, 96 Hours	
Nonyl Phenol (CAS 84852-1	5-3)			
Aquatic				
Acute				
Crustacea	EC50	Crustacea	0.0379 mg/l, 48 hours	
Fish	LC50	Fish	0.017 mg/l, 96 hours	
rsistence and degradability	No data is	No data is available on the degradability of this product.		
oaccumulative potential	No data av	ailable for this product.		
Partition coefficient n-octa Tetraethylene pentamine (C/		og Kow) 1.503		
obility in soil	Not availal			
her adverse effects			a ozone depletion, photochemical ozone creation	
		No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		
B. Disposal consideration	ons			
sposal instructions	and its cor sewers/wa container.	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. 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.		
azardous waste code		The waste code should be assigned in discussion between the user, the producer and the waste disposal company.		
aste from residues / unused oducts	product re	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).		
ontaminated 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.		
4. Transport informatior	ו			
т				
UN number	UN3263			
UN proper shipping name Transport hazard class(es)		Corrosive solid, basic, organic, n.o.s. (Nonyl Phenol, Tetraethylene pentamine)		
Class	8			
Subsidiary risk	-			
Label(s)	8			
Packing group Environmental hazards	111			
Marine pollutant	Yes			

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DOT		
UN number		UN3263
UN proper shipping name		Corrosive solid, basic, organic, n.o.s. (Nonyl Phenol, Tetraethylene pentamine)
Transpo	rt hazard class(es)	
Clas	s	8
Sub	sidiary risk	-
Lab	el(s)	8
Packing	group	III
Environ	mental hazards	
Mar	ine pollutant	Yes
Special precautions for user		Read safety instructions, SDS and emergency procedures before handling.
Special	provisions	IB8, IP3, T1, TP33
Packagi	ng exceptions	154
Packagi	ng non bulk	213
Packagi	ng bulk	240
ΙΑΤΑ		
UN num	ber	UN3263
UN prop	er shipping name	Corrosive solid, basic, organic, n.o.s. (Nonyl Phenol, Tetraethylene pentamine)
Transpo	rt hazard class(es)	
Clas	s	8
Sub	sidiary risk	-
Lab	el(s)	8
Packing	group	III
Environ	mental hazards	Yes
ERG Co	de	8L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. IMDG

IMDG						
UN number	UN3263					
UN proper shipping name	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Nonyl Phenol, Tetraethylene pentamine)					
Transport hazard class(es)						
Class	8					
Subsidiary risk	-					
Label(s)	8					
Packing group	III					
Environmental hazards						
Marine pollutant	Yes					
EmS	F-A, S-B					
		s. SDS and emergend	cy procedures before handling.			
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This substance/mixture					
General information	IATA classification is no	ot relevant as the mate	erial is not transported by air.			
15. Regulatory information						
US federal regulations	This product is a "Haza Standard, 29 CFR 1910		efined by the OSHA Hazard Communication			
TSCA Section 12(b) Export N	otification (40 CFR 707	7, Subpt. D)				
Nonyl Phenol (CAS 84852-15-3) 1.0 % One-Time Export Notification only. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)						
Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4)						
Not listed.						
Superfund Amendments and Rea	authorization Act of 198	86 (SARA)				
Hazard categories	Immediate Hazard - Ye Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No					
SARA 302 Extremely hazard	-					
Not listed.						
SARA 311/312 Hazardous chemical	Yes					
SARA 313 (TRI reporting)						
Chemical name		CAS number	% by wt.			
Nonyl Phenol		84852-15-3	5 - 7			
•		04002-10-0	5-1			
Other federal regulations						
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List						
Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)						
Not regulated.						
Safe Drinking Water Act (SDWA)	Not regulated.					
US state regulations						
-	ihetanco I ist					
US. Massachusetts RTK - Substance List						
Nonyl Phenol (CAS 84852-15-3) Tetraethylene pentamine (CAS 112-57-2)						
US. New Jersey Worker and Community Right-to-Know Act						
Tetraethylene pentamine (CAS 112-57-2)						
US. Pennsylvania Worker an	d Community Right-to-	-Know Law				
Nonyl Phenol (CAS 84852-15-3) Tetraethylene pentamine (CAS 112-57-2)						

US. Rhode Island RTK

Not regulated.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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	25-July-2017
Revision date	-
Version #	01
NFPA ratings	3 0
References	HSDB® - Hazardous Sub Registry of Toxic Effects

Disclaimer

HSDB® - Hazardous Substances Data Bank Registry of Toxic Effects of Chemical Substances (RTECS)

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