



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier

Trade name or designation of the mixture : LATALASTIK Fireproof - Part A
Registration number : -
Synonyms :
Issue date : -
Version number :
Revision Date : -
Supersedes date : -

1.2 Relevant identified uses of the substance : Epoxy adhesive
or mixture and uses advised against

1.3 Details of the supplier of the safety data sheet

Company Name: LATICRETE EUROPE SRL
Address: Via Viazza, 1°Tronco,19 -41043 Formigine (MO) -ITALY
Telephone: +39 059 557680
Contact Person: M.Bertani
E-Mail: info@laticreteeuropa.com
Web site: www.laticrete.eu

1.4 Emergency telephone no: Centro Antiveleni Policlinico A. Gemelli – ROMA – Tel +39 06 3054343

SECTION 2: Hazards identification.

2.1 Classification of the Substance or mixture:




The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification apply,

Classification according to Regulation (EC) No 1272/2008 as amended



Hazard summary

Physical hazards : Not Classified

Health hazards :

-  Warning, H315 Skin corrosion/irritation
-  Danger, H318 & 319 Serious eye damage/eye irritation
-  Warning, H312 Sensitization, skin, H317-Allergic Skin Reaction,

Environmental hazards :

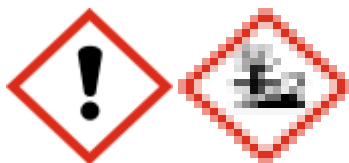
-  Warning, Hazardous to the aquatic environment, acute Hazard, H400-Very Toxic to Aquatic Life
-  Warning, Hazardous to the aquatic environment, long-term hazard, H412-Harmful to Aquatic Life with Long Lasting Effects

Specific hazards : NA

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 as amended : The product is classified and labeled according to the CLP-regulation.

Hazard pictograms :



GHS07 GHS09

Signal word : Warning

Hazard statements :

- H312 Harmful in contact with Skin
- H315 Causes skin irritation
- H317 May Cause Allergic Skin Reaction
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H317 May Cause an allergic skin reaction
- H400 Very toxic to Aquatic Life
- H411 Toxic to aquatic life with long lasting effects
- H412 Harmful to Aquatic Life with long lasting effects

Precautionary statements

General:

P101 If Medical Advice is needed, have Product container or Label at hand
P102 Keep out of reach of Children
P103 Read Label before use

Prevention:

P201 Obtain special instructions before use.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment

Response:

P309+P313 IF exposed or concerned: Get medical advice/attention.
P301+P330 IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.
P303+P362 IF ON SKIN :Take off immediately all contaminated clothing
P303+P353 Rinse skin with water/shower
P333+P313 If skin irritation or rash occurs: Get medical advice/attention
P333+P363 Wash contaminated clothing before reuse.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P341 IF IN EYES: Rinse cautiously with water for several minutes.
P305+P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P391 Collect spillage.

Storage : P420 Store away from incompatible materials

P405 Store locked up (Further details Refer Section 7.2)

Disposal : P501-Dispose of contents/container in accordance with local/regional/national/International regulations

Supplemental label information : Nil

2.3 Other Hazards

None in case of intended use.

Results of the PBT and vPvB assessment

PBT : None

vPvB : None

SECTION 3: Composition/information on ingredients.

3.2 Chemical characterization: Mixtures

General

information

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
bisphenol A-(epichlorhydrin)	REACH #: 01-2119456619-26	≥25 - ≤50	Skin Irrit. 2, H315 -	[1]
epoxy resin MW =< 700	EC: 500-033-5 CAS: 25068-38-6 Index: 603-074-00-8		Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
1,6-hexanediol diglycidylether	REACH #: 01-2119463471-41	≥10 - ≤25	Skin Irrit. 2, H315 -	[1]
	EC: 240-260-4 CAS: 16096-31-4		Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412	
middle molecular epoxy resin	EC: 500-033-5	≥5 - ≤10	Skin Irrit. 2, H315 -	[1]
MMW 700-1200	CAS: 25068-38-6 Index: 603-074-00-8		Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	REACH #: 01-2119979085-27 EC: 309-629-8 CAS: 100545-48-0	<1	Skin Sens. 1B, H317 - Aquatic Chronic 3, H412	[1]

List of abbreviations and symbol may be used above

CLP: Regulation No. 1272/2008.

Composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Wash contaminated clothing before reuse.

4.1 Description of first aid measures

Inhalation : Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact : Remove contaminated clothing immediately and wash skin with soap and water. In case of Eczema or other skin disorders: Seek medical attention and take along these instructions.

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 if irritation develops and persists

Ingestion : Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects both acute and delayed : Rash, Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards: No unusual fire or explosion hazards noted.

5.1 Extinguishing media

Suitable Extinguishing Media unsuitable extinguishing media : Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂). Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture: During fire, gases hazardous to health may be formed.

5.3 Advice for firefighter' Special protective equipment for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures : In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Avoid dust formation, avoid contact with eyes and skin and ensure supply of fresh air.

For emergency responders : Keep 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.

6.2 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.

6.3 Methods and material for

containment and cleaning up : Large Spills: Stop the flow of material, if this is without risk. 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.

6.4 Reference to other sections :

Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling : Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Persons with epoxy allergy should not work with this product. Wear appropriate personal protective equipment. Provide adequate ventilation. Observe good industrial hygiene practices

7.2 Conditions for safe storage including any incompatibilities : Keep container tightly closed. Store in a well-ventilated place. Store away from incompatible materials (see section 10 of the SDS).

7.3 Specific end use(s) : No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits : No exposure limits noted for ingredient(s).

Biological limit value : No biological exposure limits noted for the ingredient(s).

Recommended Monitoring : Data not available

Derived no-effect level (DNEL) procedures : Data not available.

Predicted no effect concentrations: (PNECs) Data not available.

8.2 Exposure controls

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

General information : Wear chemical protective equipment that is specifically recommended by the manufacturer. Eye wash fountain is recommended. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection : Wear safety glasses with side shields (or goggles).

Skin protection

-Hand protection : Wear appropriate chemical resistant gloves.

- Other : Wear appropriate chemical resistant clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards : Wear appropriate thermal protective clothing, when necessary.

Hygiene measures : 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.

Environmental exposure controls : Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : colored paste

Physical State : Paste

Form : Paste

Colour : NA

Odour : Odorless

Odour threshold : Not available

pH : 7

Melting point/freezing point : Not applicable.

Initial boiling point and boiling range : Not available

Flash point : 65 ° C

Evaporation rate	: Not available
Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Data not available
Flammability limit - lower (%)	: Data not available
Flammability limit - upper (%)	: Data not available
Vapour pressure	: Not applicable.
Vapour density	: Not applicable.
Relative density	: 1.8
Solubility (ies)	: Insoluble in water
Partition coefficient (n-octanol/water)	: Not available
Auto-ignition temperature	: 350 ° C
Decomposition temperature	: 350 ° C
Viscosity	: 3200 Pa.Sec
Explosive properties	: The product is not self-igniting
9.2 Other information	: No relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity** : The product is stable and non-reactive under normal conditions of use, storage and transport.
- 10.2 Chemical stability** : Material is stable under normal conditions.
- 10.3. Possibility of hazardous reactions** : Masses of more than 1 pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat buildup.
- 10.4. Conditions to avoid** : Excessive heat. Contact with incompatible materials.
- 10.5. Incompatible materials** : Strong oxidizing agents
- 10.6. Hazardous decomposition Products** : At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Aldehydes.

SECTION 11: Toxicological information

General information: No data Available

Information on likely routes of exposure

- Inhalation** : No adverse effects due to inhalation are expected.
- Skin contact** : Irritating to skin. May cause an allergic skin reaction..
- Eye contact** : Irritating to eyes.
- Ingestion** : May cause discomfort if swallowed

Symptoms : Rash. Irritant effects.

11.1 Information on toxicological effects

Acute toxicity	May cause discomfort if swallowed
Skin corrosion/irritation	: Causes skin irritation
Serious eye damage/ eye irritation	: Causes serious eye irritation
Respiratory Sensitization	: No data available.
Skin sensitization	: May cause an allergic skin reaction
Germ cell mutagenicity	: Not expected to be mutagenic
Carcinogenicity	: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	: This product is not expected to cause reproductive or developmental effects
Specific target organ toxicity - Single exposure	: No data available.
Specific target organ toxicity - Repeated exposure	: No data available.
Aspiration hazard	: No data available.
Chronic effects	: Prolonged or repeated contact may cause drying, cracking, or irritation.
Other Information	: NA

SECTION 12: Ecological information

12.1 Toxicity : Toxic to aquatic life with long lasting effects.

Components	Species		Test results
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers (CAS 25085-99-8)			
Aquatic			
Acute			
Algae	IC50	Algae	11 mg/l, 72 hours
Crustacea	EC50	Daphnia	1.8 mg/l, 48 hours
Fish	LC50	Fish	1 - 10 mg/l
Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin (CAS 28064-14-4)			
Aquatic			
Acute			
Fish	LC50	Fish	1 - 10 mg/l

12.2 Persistence and degradability : No data is available on the degradability of this product.

12.3 Bioaccumulative potential : No data available for this product.

12.4 Mobility in soil/Mobility in general : Not available.

12.5 Results of PBT and vPvB assessment : In applicable.

12.6 Other adverse effects : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste : 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 recycling : Empty containers should be taken to an approved waste handling site for or disposal.
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

EU waste code : The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. Refer European waste catalogue 06 08 99 wastes N.O.S.

Disposal methods/information : 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.

Special precautions : Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

DOT

UN number UN3082

UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. (Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin)

Transport hazard class(es)

Class 9

Subsidiary risk -

Packing group III

Environmental hazards

Marine pollutant Yes

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

Special provisions 8, 146, 335, IB3, T4, TP1, TP29

IATA

UN number : UN3082

UN proper shipping name (pentamine) : Environmentally hazardous substance, liquid, n.o.s. (Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin);epoxy resin)

Transport hazard class(es)

Class : 9

Subsidiary risk : NA

Label(s) : 9

Packing group : III

Environmental hazards :Yes

ERG Code : 9L

IMDG

UN number : UN3082

UN proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin);epoxy resin)

Class : 9

Transport hazard class(es)

Subsidiary risk : NA

Label(s) : 9

Packing group : III

Marine pollutant : Yes

Environmental hazards

EmS : F-A, S-F

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

14.3. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

This substance/mixture is not intended to be transported in bulk.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Directive 94/33/EC on the protection of young people at work

National regulations : Follow national regulation for work with chemical agents.

15.2 Chemical safety assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

List of abbreviations

DNEL: Derived No-Effect Level.

PNEC: Predicted No-Effect Concentration.

PBT: Persistent, bioaccumulative and toxic.

vPvB: Very Persistent and very Bioaccumulative.

CAS: Chemical abstract Services (division of the American Chemical Society)

ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

IMDG: international Maritime code for Dangerous Goods.

IATA: International Air Transport Association.

References

HSDB[®] - Hazardous Substances Data Bank

RTECS - Registry of Toxic Effects of Chemical Substances

Information on evaluation method : leading to the classification of mixture The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15 R36/38 Irritating to eyes and skin
R43 - May cause sensitization by skin contact.
H315 Skin corrosion/irritation.
H318 & 319 Serious eye damage/eye irritation

Training information

Follow training instructions when handling this material.

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Disclaimer

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