



Revision Number: 001.1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite Epoxy Bonder
Product type: Epoxy adhesive
Restriction of Use: None identified
Company address: Henkel Capital S.A. de C.V.
 Boulevard Magnocentro 8 – P2
 Huixquilucan Edo. de Mexico, C.P. 52760

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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: H314 - CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
 H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS	HAZARD CATEGORY
SKIN CORROSION	1C
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1

PICTOGRAM(S)



Precautionary Statements

Prevention: P261 - Avoid breathing vapors, mist, or spray.
 P264 - Wash affected area thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves, clothing, eye and face protection.

Response: P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.
 P304+P340+P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P333+P313 - If skin irritation or rash occurs: Get medical attention.
 P363 - Wash contaminated clothing before reuse.

Storage: P405 - Store locked up.

Disposal: P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with NOM-018-STPS-2015 and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	UN no.:	Percentage*
Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin	67989-52-0		30 - 40
Polyamide resin	68410-23-1		20 - 30

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	Move to fresh air, consult doctor if complaint persists.
Skin contact:	Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.
Eye contact:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Ingestion:	Do not induce vomiting. Immediate medical treatment necessary.
Symptoms:	See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media:	carbon dioxide, foam, powder, water spray jet, fine water spray All common extinguishing agents are suitable.
Special firefighting procedures:	Wear protective equipment. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	In case of fire toxic gases can be released.
Hazardous combustion products:	Irritating and toxic gases or fumes may be released during a fire.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Do not empty into drains / surface water / ground water. Inform authorities in the event of product spillage to water courses or sewage systems.
Clean-up methods:	Remove mechanically. Dispose of contaminated material as waste according to Section 13.

7. HANDLING AND STORAGE

Handling:	Ensure that workrooms are adequately ventilated.
Storage:	For safe storage, store between 5 °C (41°F) and 35 °C (95°F)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin	None	None	None	None
Polyamide resin	None	None	None	None

Engineering controls:	Ensure good ventilation/suction at the workplace.
Respiratory protection:	Suitable breathing mask when there is inadequate ventilation.
Eye/face protection:	Wear protective glasses.
Skin protection:	Wear protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	liquid
Color:	blue, yellow
Odor:	ammoniacal
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	Not available.
Boiling point/range:	Not available.
Melting point/ range:	Not available.
Vapor density:	Not available.
Flash point:	> 280 °C (> 536°F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Flammability:	Not applicable
Evaporation rate:	Not available.
Solubility in water:	Not available.
Partition coefficient (n-octanol/water):	Not available.
VOC content:	Not available.
Viscosity:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Reactivity:	Not available.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	No decomposition if used according to specifications.
Incompatible materials:	None if used for intended purpose.
Conditions to avoid:	None if used for intended purpose.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:	Skin, Eyes, Ingestion
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Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.
Skin contact: This product is irritating to the skin.
Eye contact: This product is irritating to the eyes.
Ingestion: May be toxic if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin	None	Irritant, Allergen
Polyamide resin	None	Corrosive, Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin	No	No	No
Polyamide resin	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains, soil or bodies of water.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), 197 (IATA), 969 (IMDG) may be applied, which can result in a deviation from the transport classification for packed goods.

Road transport ADR:

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III

International Air Transportation (ICAO/IATA)

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
Marine pollutant: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines

15. REGULATORY INFORMATION

No additional information

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

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DISCLAIMER: This information is considered correct, but it's not exhaustive and will be used only as a guide, which is based on current knowledge of the chemical substance(s) and/or mixture and apply to the appropriate product for safety precautions.

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