



Safety Data Sheet

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LOCTITE EPOXY INSTANT MIX 5MIN (HARDENER)

MSDS-No. : 250222

V000.0

Date of issue: 02.07.2015

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE EPOXY INSTANT MIX 5MIN (HARDENER)

Intended use: 2-Component epoxy adhesive

Supplier:
Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin irritation	Category 2
Serious eye irritation	Category 2A

Hazard pictogram:



Signal word: Warning

Hazard statement(s): H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statement(s):

Prevention: P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing.

Classification of material Xi - Irritant

Risk phrases:

R36/38 Irritating to eyes and skin.

Safety phrases:

S24/25 Avoid contact with skin and eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S28 After contact with skin, wash immediately with plenty of water.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 S46 If swallowed, seek medical advice immediately and show this container or label.
 S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

HAZARDOUS

Section 3. Composition / information on ingredients

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
1,3-bis[3-(dimethylamino)propyl]urea	52338-87-1	10- 30 %
non hazardous ingredients~		60- 100 %

Section 4. First aid measures

Ingestion: Do not induce vomiting.
 Have victim rinse mouth thoroughly with water.
 Seek medical advice.

Skin: Immediately flush skin with plenty of water (using soap, if available).
 Seek medical attention from a specialist.

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
 Seek medical attention from a specialist.

Inhalation: Move to fresh air.
 Keep warm and in a quiet place.
 If adverse health effects develop seek medical attention.

First Aid facilities: Eye wash and safety shower
 Normal washroom facilities

Medical attention and special treatment: Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media: Carbon dioxide, foam, powder
 Fine water spray

Improper extinguishing media:	Water spray jet
Decomposition products in case of fire::	Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide. Oxides of nitrogen.
Special protective equipment for fire-fighters:	Wear protective equipment. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).
Additional fire fighting advice:	In case of fire, keep containers cool with water spray. Collect contaminated fire fighting water separately. It must not enter drains.

Section 6. Accidental release measures

Personal precautions:	Danger of slipping on spilled product. Ensure adequate ventilation. Avoid skin and eye contact. Wear impervious gloves and chemical splash goggles.
Environmental precautions:	Do not empty into drains / surface water / ground water.
Clean-up methods:	Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Precautions for safe handling:	Gloves and safety glasses should be worn Avoid skin and eye contact. Ensure that workrooms are adequately ventilated. Avoid breathing vapors or mists of this product.
Conditions for safe storage:	Keep container tightly sealed. Store in a cool, dry, well-ventilated area. Protect from direct sunlight. Temperatures between + 5 °C and + 35 °C

Section 8. Exposure controls / personal protection

National exposure standards:

None

Engineering controls:	Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.
Eye protection:	For eye protection, use tightly fitted safety goggles and a face-shield
Skin protection:	Use of protective coveralls and long sleeves is recommended. Suitable protective gloves. Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
Respiratory protection:	If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

Appearance:	Clear Viscous, Liquid
Odor:	None
pH:	3 - 5
Specific gravity:	1.1000
Boiling point:	> 149 °C (> 300.2 °F)
Flash point: (no method)	257 °C (494.6 °F)
Density:	1.00 - 1.10 g/cm ³
Solubility in water:	Dispersible (23 °C)

Section 10. Stability and reactivity

Stability:	Stable under normal conditions of temperature and pressure.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition. Excessive heat. Store away from incompatible materials.
Incompatible materials:	Acids. Strong oxidizing agents. This product may react with metals, halogens. Alkalis.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide. Oxides of nitrogen.
Hazardous polymerization:	Will not occur.

Section 11. Toxicological information

Health Effects:**Ingestion:**

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin:

Causes skin irritation.

Eyes:

Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Causes serious eye irritation.

Inhalation:

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Inhalation of vapors or mist can cause severe irritation, tissue and scarring of the respiratory tract.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
1,3-bis[3-(dimethylamino)propyl]urea 52338-87-1	LD50	> 5,000 mg/kg	oral			

Section 12. Ecological information**General ecological information:**

Do not empty into drains / surface water / ground water.

Section 13. Disposal considerations**Waste disposal of product:**Dispose of as hazardous waste in compliance with local and national regulations.
Do not allow product to enter sewer or waterways.**Disposal for uncleaned package:**

Dispose of as hazardous waste in compliance with local and national regulations.

Section 14. Transport information**Road and Rail Transport:**

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

UN no.:	3334
Proper shipping name:	Aviation regulated liquid, n.o.s. (Mercaptan polymer)
Class or division:	9
Packing group:	III
Packing instructions (passenger)	964
Packing instructions (cargo)	964

Section 15. Regulatory information

Section 16. Other information

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

Reason for issue: First issue. involved chapters: 1 - 16

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