

SAFETY DATA SHEET

LOCTITE 4090 PART B

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product name: LOCTITE 4090 PART B
Intended use: Epoxy adhesive

Details of Supplier/Manufacturer

Company: Penske Australia Pty Ltd
Address: 488 Blackshaws Road, Altona North, Victoria 3025
Phone: (03) 9243 9292
Fax: (03) 9243 9271
Website: www.penske.com.au

Emergency Telephone Numbers

All Hours: 1800 625 526
Poisons Information:
Australia: 13 11 26
New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

Hazard Class

Acute toxicity
Serious eye irritation
Chronic hazards to the
aquatic environment

Hazard Category

Category 4
Category 2A
Category 3

Route of Exposure

Oral

Hazard pictogram:



Signal word: Warning

Hazard statement(s): H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention: P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear eye protection/face protection.

Response: P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Disposal: P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Classification of material Xn - Harmful Xi – Irritant

Risk phrases:

R22 Harmful if swallowed. R36 Irritating to eyes.



Australia

SAFETY DATA SHEET

LOCTITE 4090 PART B

Safety phrases:

S23 Do not breathe vapour. 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. S37/39 Wear suitable gloves and eye/face protection. S46 If swallowed, seek medical advice immediately and show this container or label.

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 AND INFORMATION ON INGREDIENTS

General chemical description:

Mixture

Type of preparation:

Part B of a two part adhesive

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Hexanedioic acid, 1,6-bis(7-oxabicyclo[4.1.0]hept-3-ylmethyl) ester	3130-19-6	30- 60 %
non hazardous ingredients~		30- 60 %

SECTION 4 FIRST AID MEASURES

Ingestion:

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

Skin:

Rinse with running water and soap.
If symptoms develop and persist, get medical attention.

Eyes:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

First Aid facilities:

Eye wash
Normal washroom facilities

Medical attention and special treatment:

Treat symptomatically and supportively.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide, foam, powder

Decomposition products in case of fire:

Oxides of carbon. Irritating vapours.

Special protective equipment for fire-fighters:

Wear full protective clothing. 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:

Avoid skin and eye contact.
Ensure adequate ventilation.
See advice in section 8

Environmental precautions:

Do not let product enter drains.

Clean-up methods:

For small spills wipe up with paper towel and place in container for disposal.
For large spills absorb onto inert absorbent material and place in sealed container for disposal.



Australia

SAFETY DATA SHEET

LOCTITE 4090 PART B

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling: Use only in well-ventilated areas.
See advice in section 8
Wear suitable protective clothing, safety glasses and gloves.

Conditions for safe storage: Ensure good ventilation/extraction.
Store in sealed original container.
Store in a cool, well-ventilated place.
Temperatures between + 10 °C and + 25 °C

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

National exposure standards: None

Engineering controls: Ensure good ventilation/suction at the workplace.

Eye protection: Wear protective glasses.

Skin protection: Wear suitable protective clothing.
Use of Butyl or Nitrile Rubber gloves is recommended.
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: Use only in well-ventilated areas.
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: colourless to yellowish gel

Odor: characteristic

Flash point: > 110 °C (> 230 °F)
(no method)

Vapor pressure: < 700 mbar
(no method; 50 °C (122 °F))

Density: 1.06 g/cm³

Solubility in water: Insoluble

VOC content: < 3 %
(2010/75/EC)

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

Incompatible materials: Reaction with strong acids.
Reacts with strong oxidants.
Strong alkalis.
Avoid contact with amines.

Hazardous decomposition products: Oxides of carbon.
Irritating organic vapours.

Hazardous polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects:

Ingestion: Harmful if swallowed. Ingestion of this product may cause nausea, vomiting and diarrhea.

Skin: May cause mild skin irritation.



Australia

SAFETY DATA SHEET

LOCTITE 4090 PART B

Eyes: Causes serious eye irritation. Symptoms include itching, burning, redness and tearing.

Inhalation: Inhalation of vapors may cause moderate to severe respiratory tract irritation.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Hexanedioic acid, 1,6-bis (7-oxabicyclo [4.1.0]hept-3-ylmethyl) ester 3130-19-6	LD50	> 2,000 mg/kg	dermal		rabbit	

SECTION 12 ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water.

Ecotoxicity: Harmful to aquatic life with long lasting effects.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of as hazardous waste in compliance with local and national regulations.

Disposal for uncleaned package: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official 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).

General information: Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

SECTION 15 REGULATORY INFORMATION

SUSMP Poisons Schedule None

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: Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

Date of previous issue: 13.08.2014

Disclaimer:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material. The information contained in the Safety Data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources. The information is offered without warranty, representation, inducement or licence and Henkel Australia Pty. Limited assumes no legal responsibility for reliance upon same. Henkel Australia Pty. Limited disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Safety Data Sheet. This information is not to be construed as a representation that the material is suitable for any particular purpose or use except those conditions and warranties implied by either Commonwealth or State statutes. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use.