



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE 3805 STEEL AND ALUMINIUM EPOXY FILLER (PART A)

Proper Shipping Name: None allocated

Product Code(s): 459312

Part Number(s): 24180 (28g for each part of this product)

Use: Two-part epoxy based adhesive. LOCTITE 3805 (PART A) is used in conjunction with LOCTITE 3805 (PART B) HARDENER.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
TECHNOLOGIES
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SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:
Hazardous according to the criteria of ASCC. This material has been classified as Irritant (Xi).

Risk phrase(s):
R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.
R51 Toxic to aquatic organisms.
R53 May cause long term adverse effects in the aquatic environment.

Safety phrase(s):
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 soap suds.
S37/39 Wear suitable 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).

SUSDP POISON SCHEDULE: 5

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Epoxy resin	[25068-38-6]	30-60% w/w
Barium sulphate	[7727-43-7]	10-30%w/w
Iron oxide	[1317-61-9]	10-30%w/w
Bisphenol A, formaldehyde, epichlorohydrin polymer	[28906-96-9]	1-5%w/w
Silica quartz	[14808-60-7]	<1%w/w
Other ingredients determined not to be hazardous		to 100%

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SECTION 4. FIRST AID MEASURES

- Ingestion:** If swallowed, **do not** induce vomiting. Seek medical attention or contact a Poisons Information Centre (Phone 13 11 26).
- Skin:** Remove contaminated clothing and wash affected areas with plenty of soap and water. If irritation occurs, seek medical attention.
- Eyes:** Hold eyes open and flush with water for at least 15 minutes. Seek medical attention or contact a Poisons Information Centre (Phone 13 11 26).
- Inhalation:** If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.
- Advice to doctor:** Treat symptomatically.
- First Aid facilities:** Eye wash and washroom facilities

SECTION 5. FIRE FIGHTING MEASURES

- Suitable extinguishing media:** Carbon dioxide, foam, dry chemical, water fog
- Hazards from combustion products:** Combustible liquid. In a fire, it will emit oxides of carbon and irritating fumes.
- Precautions for fire fighters and special protective equipment:** If there is a risk of exposure to products of combustion, then fire-fighters should wear full protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear impervious gloves, chemical goggles and boots. For small spills, wipe up with a cloth. For larger spills, contain and collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite) and transfer to sealable containers suitable for storing spilled material. Use a polar organic solvent or detergent and excess water to clean up areas in contact with spilled material. Do not contaminate watercourse. Dispose of residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

SECTION 7. HANDLING AND STORAGE

Safe Handling: Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Wear neoprene gloves and chemical splash goggles. Upon mixing the resin with hardener, the adhesive will release heat and begin to cure. Keep away from sources of ignition. If the cured material is cut or dry sanded, dust may be generated. In such a case, wear an approved particulate respirator.

Storage: Store indoors in a cool, dry, well ventilated area away from heat, sparks and flames. Keep containers sealed when not in use. Protect from physical damage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- National exposure standards:** None established
- Engineering controls:** A local mechanical exhaust system is required where vapour or mist is being generated.



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Personal protective equipment: Avoid contact with skin and eyes. Wear overalls, enclosed footwear, neoprene gloves and safety glasses or splash goggles. Use with adequate ventilation. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance: Black paste
Specific gravity: 1.82
Solubility: Insoluble in water
Flashpoint: >200°C

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Avoid heat, ignition sources and open flames.

Incompatible materials: Keep away from acids, bases, amines, mercaptans and oxidising agents.

Hazardous decomposition products: When heated to decomposition, it will emit oxides of carbon and irritating fumes.

Other reactions: Under normal conditions, hazardous polymerisation will not occur. However, exothermic polymerisation will occur with epoxy curing agents.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Acute:

Ingestion: If swallowed, this product will cause irritation to the mouth, throat and digestive tract.

Skin: Contact with the skin will cause irritation. This product may cause skin sensitisation in susceptible individuals.

Eyes: Contact with the eyes can cause severe irritation.

Inhalation: Inhalation of vapour may cause irritation to the nose and throat.

Chronic: Repeated skin contact may lead to dermatitis.

Toxicity information: None available.

SECTION 12. ECOLOGICAL INFORMATION

Do not contaminate waterways and soil. This material is toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of any unwanted material via chemical waste collections. Empty containers should be recycled or disposed of according to local regulations.

SECTION 14. TRANSPORT 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).



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SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: 5

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

ASCC - Australian Safety and Compensation Council

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

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.

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