



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE FIXMASTER MAGNA-CRETE

Proper Shipping Name: None allocated

Other Name(s): LOCTITE FIXMASTER MAGNA-CRETE CONCRETE REPAIR

Product Code(s): 235572, 235573, 1267736

Part Number(s): 95551 (3.78 litre kit), 95555 (18.9 litre kit), 40898 (1122kg)

Use: LOCTITE FIXMASTER MAGNA-CRETE is a two-component, rapid setting concrete repair and grouting system. The activator and filler components are mixed at ambient temperatures and then applied to concrete, wood or steel surfaces.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
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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 Toxic (T).

Risk phrase(s):
R49(1) May cause cancer by inhalation (Category 1 Carcinogen).

Safety phrase(s):
S22 Do not breathe dust.
S25 Avoid contact with eyes.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

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: None allocated

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: CHEMICAL ENTITY	CAS NO.	PROPORTION
Silica, quartz	[14808-60-7]	> 60%
Magnesium oxide	[1309-48-4]	10-30%

SECTION 4. FIRST AID MEASURES

Ingestion: If swallowed, **do not induce** vomiting. For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor.

Skin: Wash skin with soap and water.



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Eyes: If in eyes wash out immediately with water. If irritation occurs, seek medical attention.

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 normal washroom facilities.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media suitable for principal cause of fire.

Hazards from decomposition products: When heated to decomposition, it will release silica fumes.

Precautions for fire fighters and special protective equipment: In a fire, fumes and dust may be generated. Fire fighters should wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear suitable respiratory equipment, safety goggles and enclosed footwear. Vacuum or sweep up, avoiding generation of dust. Transfer to sealable containers suitable for storing spilled material. Dispose of solid residues in 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. Use with adequate ventilation. When using this product avoid releasing dust into the air, try to contain dust. Clean up spills by vacuuming or by wet sweeping rather than dry sweeping.

Storage: Store indoors in a dry area. Keep containers sealed when not in use. Protect from physical damage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: TWA: 0.1 mg/m³ as silica dust.

Engineering controls: None required under normal conditions of use, but if dust is being generated, use a local mechanical exhaust system.

Personal protective equipment: Use good industrial hygiene. Avoid contact with eyes. Do not breathe dust. Wear overalls, safety footwear, rubber gloves and safety glasses with side shields. To prevent inhalation of airborne dust, select and use a particulate respirator in accordance with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance:	Fine grey powder
Solubility:	Not soluble in water
Melting point:	1710°C
Boiling point:	2232°C



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SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable.

Conditions to avoid: None if used for intended purpose.

Incompatible materials: Keep away from fluorine.

Hazardous decomposition products: When heated to decomposition, it will emit silica fumes.

Hazardous reactions: Product will not polymerise.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Acute:

Ingestion: If swallowed, may cause mild gastrointestinal irritation.

Skin: This product may cause skin dryness and mild irritation in some individuals with sensitive skin

Eyes: Contact with the eyes may cause irritation.

Inhalation: Inhalation of dust may be irritating to mucous membranes and respiratory system. Effects may include shortness of breath and coughing.

Chronic: This product may contain fine silica dust, which may cause silicosis or lung disease in cases of chronic inhalation exposure. The onset of silicosis is usually slow and lung damage may develop even after exposure has ceased. The International Agency For Research on Cancer has determined that the inhalation of crystalline silica can cause cancer in humans. The risk of injury is dependent on the duration and level of exposure.

Toxicity information: None available.

SECTION 12. ECOLOGICAL INFORMATION

Avoid spillages into the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of this material at an approved land waste site.

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.

SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

ASCC - Australian Safety and Compensation Council

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

TWA - Time-weighted average



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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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