



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TEROSTAT-9100 (1K PUR) GREY

Proper Shipping Name: None allocated.

Product Code: 588375 (310 ml)

Use: One-component humidity curing polyurethane sealant.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
TECHNOLOGIES
135-141 Canterbury Road, Kilsyth, Victoria, 3137. Tel: (03) 9728 7200
24 HOUR EMERGENCY CONTACT NUMBER. Tel: 1800 032 379

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of NOHSC. This material has been classified as Harmful (Xn) and Irritant (Xi).

Risk phrase(s):

R36 Irritating to eyes.
R42 May cause sensitisation by inhalation.

Safety phrase(s):

S23 Do not breathe vapour/spray.
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.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)

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
4,4'-Methylenediphenyl diisocyanate	[101-68-8]	< 1% w/w
Xylene	[1330-20-7]	< 10% w/w
Naphtha (petroleum), hydrotreated, heavy	[64742-48-9]	< 10% w/w

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.



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- Skin:** Remove contaminated clothing and wash affected areas with plenty of water. In case of contact with the heated product, treat as a burn, cool burn under running water – do not remove product residues from skin. 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 as soon as possible.
- Advice to doctor:** Treat symptomatically. The symptoms of asthma may not become apparent until a few hours after exposure and are aggravated by physical effort. The patient should be kept under medical observation.
- First Aid facilities:** Eye wash, safety shower.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use carbon dioxide, dry chemical or water fog. Not water jets.

Hazards from combustion products: Under fire conditions it will release toxic gases.

Precautions for fire fighters and special protective equipment: Combustible material. Fire-fighters should wear full protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

For small spills, wipe up residues with a cloth. For large spills, wear suitable protective equipment and collect spillage with absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Mop up areas in contact with spilled material. Do not contaminate watercourse. 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. Wear nitrile rubber gloves and safety glasses with side shields. Atmosphere should be checked regularly to ensure safe working conditions are maintained. Use in a well ventilated area. Do not enter confined spaces where vapours may have collected. Always wash hands after use. Work clothes should be laundered separately.

Storage: Store indoors in a cool, dry and well ventilated area. Keep away from open flames and sources of ignition. Store at temperatures between 10°C and 25°C. Protect containers from physical damage and sunlight. Keep containers securely sealed and check regularly for spills and leaks. Contact with moisture will produce carbon dioxide and lead to a build up of pressure in the containers, with a possible risk of rupture.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: TWA : 0.02 mg/m³ as for isocyanates

Engineering controls: In confined areas where vapours are being produced, use local mechanical exhaust system.

Personal protective equipment: Use good industrial hygiene. Avoid contact with skin and eyes. Wear overalls, safety footwear, nitrile rubber gloves and safety glasses with side shields. Use with adequate ventilation. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716. Always wash hands before work breaks and after finishing work.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance: Grey paste.
Specific gravity: 1.20 @ 20°C
Solubility: Insoluble in water
Flash Point (PMCC): 44°C
Solids content: 90%

SECTION 10. STABILITY AND REACTIVITY

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

Conditions to avoid: Strong heat sources, open flames.

Incompatible materials: Reacts with acids, alcohols and oxidising agents. Reacts readily with water to produce carbon dioxide.

Hazardous decomposition products: When heated to decomposition, it will emit toxic fumes of nitrogen oxides.

Polymerisation reactions: Reacts with polyols.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:**Acute:**

Ingestion: If swallowed, may cause gastrointestinal irritation, nausea and vomiting.

Skin: Contact with the skin may cause irritation. Individuals with sensitive skin may develop an allergic reaction to this product.

Eyes: Contact with the eyes can cause irritation.

Inhalation: Inhalation of vapours can result in respiratory irritation. This product may cause sensitisation by inhalation. Symptoms of asthma may be delayed.

Chronic: Repeated or prolonged skin contact may aggravate existing skin disorders.

Other: Individuals who have previously suffered from allergic reactions due to isocyanates should avoid any further contact with this product.

Toxicity information: inh LC₅₀ (rat) : 178 mg/m³ as for methylenediphenyl diisocyanate

SECTION 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways and soil. Reacts with water to form non-biodegradable solids.

SECTION 13. DISPOSAL CONSIDERATIONS

Small quantities of cured material can be disposed of as industrial or household waste. Empty containers should be disposed of in accordance with 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).

SECTION 15. REGULATORY INFORMATION



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SUSDP POISON SCHEDULE: None allocated

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

NOHSC - National Occupational Health and Safety Commission.

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

TWA - Time-weighted average

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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