

MS SEALANT CONSTRUCTION GRADE

SAFETY DATA SHEET

Hazardous substances, non-dangerous goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

PRODUCT NAME: MS SEALANT CONSTRUCTION GRADE

Tradeseal Group	Emergency: Poisons Information Centre
PO Box 586, Coorparoo Qld 4151	Australia: 131 126
info@tradesealgroup.com.au	New Zealand: 008 764 766

Chemical Nature:	Blend of silicone derivatives and other minor ingredients
Trade Name:	Tradeseal MS Sealant Construction Grade
Product Use:	All purpose, single component, high grade sealant and adhesive for the building industry
Version:	March 2025 and is valid for five (5) years from this date

2. HAZARDS IDENTIFICATION

This material is hazardous according to the health criteria of Safe Work Australia GHS 7.

H317	May cause an allergic skin reaction. GHS07
SUSMP Classification:	None allocated
ADG Classification:	None allocated. Not a dangerous good under the ADG Code
UN Number:	None allocated

GHS Signal Word: Warning

PREVENTION:

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P210	Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P261	Avoid breathing dust, fume, gas, mist, vapours, spray.
P264	Wash hands, face and all exposed skin thoroughly after handling.
P280	Wear protective gloves and clothing, eye and face protection.

RESPONSE:

P101	If medical advice is needed, have product container or label at hand.
P302 + P352	IF ON SKIN: Wash with plenty of water and soap.
P321	Specific treatment (see supplemental first aid instruction on label)
P333 + P313	If skin irritation or rash occurs, seek medical advice
P362 + P364	Remove contaminated clothing and wash before reuse

STORAGE:

P403 + P233 + P235	Store in a well-ventilated area. Keep container tightly closed. Keep cool.
--------------------	--

DISPOSAL:

P501	Dispose of contents / container in accordance with local, regional, national and international regulations.
------	---

POISON SCHEDULE: Not applicable.

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Rail and Road” and the “New Zealand NZS5433: Transport of Dangerous Goods on Land”.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Silane modified polyether	1497417-11-4	18%
Bis (2-ethylhexyl) phthalate	117-81-7	19%
Calcium carbonate	252315-85-8	61%
Silane, ethenyl trimethoxy	2768-02-7	2%
Ingredients determined to be non-hazardous or below reporting limits		balance

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: Effects may be delayed. If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. For gross contamination, immediately drench with water and remove clothing. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water & seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. If conscious, give glasses of water. Never give anything by the mouth to an unconscious patient. If symptoms develop, seek medical advice.

PPE for First Aiders: Wear safety shoes, overalls, gloves, safety glasses. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to Physician: Treat symptomatically. Effects may be delayed.

MS SEALANT

CONSTRUCTION GRADE

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Combustible liquid.

Firefighting further advice: On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilled. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up but avoid generating dust. Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat. Keep containers closed when not in use - check regularly for spills.

8. EXPOSURE CONTROLS | PERSONAL PROTECTION

National occupational exposure limits: No value was assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)", the ingredients in this material do not have a Biological Limit Allocated.

Engineering measures: Natural ventilation should be adequate under normal use conditions.

Personal protection equipment: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.
Wear overalls, safety glasses, and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash your hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

Hygiene Measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of dust. Ensure eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description:	Solid, paste
Odour:	Characteristic odour
Boiling Point:	No specific data
Freezing / Melting Point:	No specific data. Solid at normal temperatures
Flammability:	Not classified as a flammability hazard
Vapour Pressure:	No data
Vapour Density:	No data
Specific Gravity:	≈ 1.00
Water Solubility:	Insoluble
pH:	No data
Volatility:	No data
Evaporation Rate:	No data
Coeff Oil / Water Distribution:	No data
Autoignition Temp:	No data
VOC:	3.6 g/kg

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions: No known hazardous reactions.

11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin Contact: Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye Contact: May be an eye irritant. May cause physical irritation to the eyes.

Acute Toxicity

Inhalation: This material has been classified as not hazardous for acute inhalation exposure.

Skin contact: This material has been classified as not hazardous for acute dermal exposure.

Ingestion: This material has been classified as not hazardous for acute ingestion exposure.

Corrosion/Irritancy:

Eye: This material has been classified as not corrosive or irritating to eyes.

Skin: This material has been classified as a Category 2 Hazard (reversible effects to skin).

Sensitisation:

Inhalation: This material has been classified as not a respiratory sensitiser.

Skin: This material has been classified as a Category 1 Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as not hazardous for acute aquatic exposure.

Long-term aquatic hazard: This material has been classified as not hazardous for chronic aquatic exposure.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Mobility: No information available.

MS SEALANT

CONSTRUCTION GRADE

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS. Empty remaining contents. Do not re-use empty containers. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

16. OTHER INFORMATION

This Material Safety Data Sheet has been prepared by Atherton Chemicals on behalf of its client.

Reason(s) For Issue: First Issue

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of the product, and how to safely handle and use the product in the workplace. Since Atherton Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to

handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Guarantee/Warranty:

We warrant our products to be free of defects and manufactured to rigid quality control specification. As it is impossible to control the use and application of the products, the company's liability is limited to replacing such quantities of product as are proven to be defective. The company disclaims any claims for caused by discolouration or yellowing due to vapour or chemicals caused by painting or chemicals to cause reaction to the product or labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for a particular purpose) are excluded. No representative of the company is authorised to grant any warranty or waive this limitation of liability. All claims concerning product defects must be made within twelve months of shipment. Absence of such claim in writing during this period will constitute a waiver of all such claims with respect to such product.