

Safety Data Sheet

Hazardous, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Silicone N40**

Recommended use: Interior & exterior grade silicone sealant.

Supplier: Adheseal
ABN: 16 010 441 013
Street Address: 26 Wolverhampton Street
Stafford
Queensland 4053
Telephone: (07) 3356 0000
Facsimile: (07) 3356 0005
Email: sales@adheseal.com.au

Emergency Telephone number: **(07) 3356 0000**

2. HAZARDS IDENTIFICATION

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



Signal Word

Warning

Hazard Classifications

Serious Eye Damage/Irritation - Category 2A
Sensitisation - Skin - Category 1

Hazard Statements

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Prevention Precautionary Statements

P102 Keep out of reach of children.
P235+P410 Keep cool. Protect from sunlight.
P262 Do not get in eyes, on skin, or on clothing.
P281 Use personal protective equipment as required.

Response Precautionary Statements

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305 IF IN EYES:
P350 Gently wash with plenty of soap and water.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use carbon Dioxide, dry chemical, foam, water fog for extinction.

Storage Precautionary Statements

P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P410 Protect from sunlight.

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Disposal Precautionary Statements

- P501 Dispose of contents/container in accordance with local, regional, national and international regulations.
- P502 Refer to manufacturer/supplier for information on recovery/recycling.

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 Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Oxime silane(s)		1-10 %
2-Butanone, O,O',O''-(ethenylsilyldyne)trioxime	2224-33-1	00.1-1 %
Silica, amorphous, fumed, crystalline free	112945-52-5	10-20 %
Aminosilanes		00.1-1 %
Cyclotetrasiloxane, octamethyl-	556-67-2	0.1-1 %
Other ingredients determined Not To Be Hazardous		Balance %
Ingredients determined to be Non-Hazardous		Balance
		<hr/> 100%

4. FIRST AID MEASURES

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

Inhalation: First aid is not generally required. If in doubt, contact a poisons Information Centre or a doctor.

Skin Contact: Gently brush away loose particles. Irritation is unlikely. However, if irritation occurs, flush with luke warm gentle flowing water for 5 mins or until chemical is removed.

Eye contact: Gently brush away loose particles. No effects expected. However, if irritation occurs, flush with luke warm gentle flowing water for 5 mins or until chemical is removed. Obtain Medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do not induce vomiting wash mouth with water and give some water to drink. if symptoms persist contact a Poisons Information Centre or a Doctor

PPE for First Aiders: Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

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

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).

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Specific hazards: Non-combustible material.

Firefighting further advice: Not applicable.

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

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). 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. Avoid inhalation of vapour, mist or aerosols.

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 and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value 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:

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

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 vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Material Family:	Silicon's
Base Units:	Litres
Form:	Viscous Liquid
Colour:	Various Colours
Odour:	Faint odour

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Solubility:	immiscible in water
Specific Gravity:	~ 1.05 Kg/L
Vapour Pressure (20 °C):	Not Available
Flash Point (°C):	Not available
Flammability Limits (%):	Not Available
Autoignition Temperature (°C):	Not Available
Melting Point/Range (°C):	Not Available
Pour Point/Range (°C):	> 0
Boiling Point/Range (°C):	Not Available
Decomposition Point (°C):	Not Available
Sublimation Point (°C):	Not Available
pH:	Not Available
Viscosity:	Not Available
Total VOC (g/Litre):	43 gms / LT

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal condition

Conditions to avoid: Store away from water or moisture.

Incompatible materials: Oxidizing material can cause a reaction.

Hazardous decomposition products: Metal oxides. Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde. Nitrogen Oxides.

Hazardous reactions: Unknown.

11. TOXICOLOGICAL 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 may 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: An eye irritant.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist or LC50 > 20,000 ppm for gas.

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients):

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>2,000 mg/Kg bw

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes).
Skin: this material has been classified as not corrosive or irritating 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 non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: information is not available.

24hr EC50 (fish): > 100 mg/L

Long-term aquatic hazard: information is not available.

96hr EL50 (fish): >1 to <100 mg/L

Ecotoxicity: Harmful to terrestrial species. Harmful to bees. information is not available.

Persistence and degradability: The product is partially biodegradable. information is not available.

Bio-accumulative potential: Risk of bioaccumulation in an aquatic species is moderate.

Mobility: Low mobility in soil.

13. DISPOSAL CONSIDERATIONS

Must be disposed according to state or local official 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

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Reason for issue: Revised

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer, it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

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