SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT FORM:	**Silicone Caulking Compound**
PRESCRIBED USE:	**Sealant, Caulking**
COMPANY/SUPPLIER:	**Trubond Australia Pty Ltd**
ADDRESS:	**14/25 Trafalgar Road, Epping VIC. 3076**
EMAIL:	**info@trubond.com.au**

WEBSITE: www.trubond.com.au

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS-US classification (Globally Harmonised System of Classification and Labelling of Chemicals (GHS))

Hazard Category :- Irritant

Skin Corrosion/ Irritation	**Category 3**	(Mild Irritant to skin.)
Serious Eye Damage/Eye Irritation	**Category 2A**	(Reversible effects to eyes.)

2.2 Label Elements

GHS-US labelling

Hazard Pictograms:

GHS07

Signal Word: **Warning**

Hazard Statements:
H316- Causes mild skin irritation
H317- May Cause an allergic skin reaction
H319- Causes serious eye irritation

Precautionary Statements:
P102- Keep out of reach of children.
P103- Read label for use.
P264- Wash hands thoroughly after handling
P280- Wear eye protection, protective clothing, protective gloves

Response Statements:
P101- If medical advice is needed, have product container or label at hand.
P305 & P351 & P338- IF IN EYES:- Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so.- continue rinsing.
P337 & P313- If eye irritation occurs get medical attention.
P332 & P313 - If skin irritation occurs get medical attention.
P391- Collect spillage

Disposal Requirements:
P501: Dispose of contents/container in accordance with the relevant regulations.

2.3 Other Hazards

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*"

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA)

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion
Ethyl Methyl Ketone Oxime	96-29-7	< 1 %
Octamethylcyclotetrasiloxane	556-67-2	< 0.2 %
Distillates (Petroleum), Hydrocarbon, Aliph	64742-47-8	< 10 %
Ingredients determined to be non-hazardous	N.A.	Balance

SECTION 4: FIRST AID MEASURES

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

Notes to physician: Treat Symptomatically

Inhalation:
Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seel medical advice if effects persist.

Ingestion:
Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Skin Contact:
Remove heavily contaminated clothing. Flush skin and hair with running water. Seek medical attention if swelling, redness, blistering or irritation occurs.

Eye Contact:
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

SECTION 5: FIRE FIGHTING MEASURES

Hazchem Code:- Not Applicable

Specific Hazards: Combustible Material.

Suitable Extinguishing Media: Dry Chemical. Carbon Dioxide (CO_2). Water spray, mist or foam

Protective Equipment & Precautions for Firefighters: On burning, may emit toxic fumes. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if there is risk of exposure to vapour or products of combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation.
Use personal protective equipment as required.
Slippery when spilt. Avoid Accidents, clean up immediately.

Environmental Precautions: Avoid release into the environment Advise emergency services and appropriate local environment authority if contamination of sewers or waterways has occurred.

Cleaning up and Containment: For small spills , wipe up with clean rag or paper towels. Allow to dry before disposing with normal household garbage. For Larger spills, use absorbent-soil, sand or other inert material. Collect and seal in properly labelled containers or drums for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:
Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapours or dust from dried product

Conditions for safe storage.
Store in a cool, dry, well ventilated area out of direct sunlight.
Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition.
Keep container tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards:

Chemical Entity	Reference	TWA (mg/m^3)
Polysiloxanes and silicones	SWA (AUS)	Not Listed
Calcium Carbonate	SWA (AUS)	10
Ethyl Methyl Ketone Oxime	SWA (AUS)	Not Listed
Octamethylcyclotetrasiloxane	SWA (AUS)	Not Listed
Distillates (Petroleum), Hydrocarbon, Aliph	SWA (AUS)	Not Listed

Engineering Controls:
Natural Ventilation should be adequate under normal use. Keep container closed when not in use.

Personal protective equipment- Wear SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES OR GOGGLES.

Skin protection:
Wear overalls, boots and impervious gloves.
Standard duty gloves (AS 2161: *Industrial nitrile rubber safety gloves*), Loose comfortable overalls, and safety boots. are recommended.

Eye protection:
Wear non-fogging chemical resistant safety goggles or glasses. Refer (AS/NZS 1336: *Recommended practices for eye protection in the occupational environment*) for guidance.

Respiratory protection:
If risk of inhalation exists, use a NIOSH/MSHA approved respirator meeting requirements of AS/NZS1715 & AS/NZS1716

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Paste
Appearance:	White
Odour:	Mild
Solubility - Water:	Insoluble in Water.
Solubility – Other Solvents:	Data unavailable
Bulk Density:	0.9 g/cm^3
Odour Threshold:	Data unavailable
Boiling Point & Boiling Range:	> 150 ^{0}C
Flash Point:	75 ^{0}C
Evaporation Rate:	Data unavailable
Upper/Lower Flammability/Explosive Limits:	Data unavailable
Vapour pressure:	Data unavailable
Vapour density:	Data unavailable
Partition Coefficient:	Data unavailable
Auto-Ignition Temperature:	Data unavailable C
Refractive Index:	Data unavailable
Viscosity:	Data unavailable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	The material is thermally stable when stored and used as directed.
Reactivity:	No known reactivity hazards.
Conditions to avoid:	Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Materials:	Oxidizing agents
Hazardous Decomposition Products:	Carbon Monoxide (CO), Carbon Dioxide (CO_2), smoke and other toxic fumes.
Hazardous Reactions:	No known hazardous reactions

SECTION 11: TOXICOLOGICAL INFORMATION

No adverse health effects are 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:-

Skin Contact: Contact with skin may result in mild irritation.

Ingestion: No adverse effects expected however large amounts may cause nausea and vomiting.

Inhalation. Where the material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea.

Eye Contact: An eye irritant.

Acute Toxicity.

Inhalation:	None known.
Skin Contact:	None known
Ingestion:	None known
Corrision/Irritancy	Eyes: The material is classed as a Category 2A Hazard (Reversible effects to eyes.) Skin: The material is classed as a Category 3 Hazard (Mild Irritant to skin.)

Sensitisation: Inhalation: The material is not classified as a respiratory sensitiser.
Skin: The material is not classified as a skin sensitiser.

Aspiration Hazard: None known.

Specific target organ toxicity (single exposure): None known.

Chronic Toxicity.

Mutagenicity: None known.
Carcinogenicity: None known.
Reproductive toxicity (including via lactation): None known.
Specific target organ toxicity (repeat exposure): None known.

SECTION 12: ECOLOGICAL INFORMATION

Acute Aquatic Hazard: None Known
Long Term Aquatic Hazard: None Known

Ecotoxicity: No information available
Persistence & Degradability: No information available
Bioaccumulation Potential:- No information available

Other information: Avoid release into the environment

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Recommendations: Dispose of material and its container in compliance with federal, provincial, state, territory and local requirements.

Special precautions: Avoid release to the environment

SECTION 14: TRANSPORT INFORMATION

IATA.
Not Classified as Dangerous Goods

IMDG/IMO
Not Classified as Dangerous Goods

Australian Code for the Transport of Dangerous Goods by Road & Rail.
Not Classified as Dangerous Goods

DOT.
Not Classified as Dangerous Goods

New Zealand Code for Transport of Dangerous Goods on Land.
Not Classified as Dangerous Goods

SECTION 15: REGULATORY INFORMATION

National Regulations.
All constituents are listed on the AICS (Australian Inventory of Chemical Substances)

International Inventories
Constituents are listed on the following Inventories: - Canada (DSL/NDSL), Europe (EINECS), New Zealand (NZIOC), USA (TSCA)

SECTION 16: OTHER INFORMATION

SDS Issue Date: December 2021
Version: 1.00
Due for revision: December 2026

Key to abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
ASCC	Australian Safety and Compensation Council
CAS	Chemical Abstracts Service Registry Number
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
HSIS	Hazardous Substances Information System
ICAO	International Civil Aviation Organisation
IATA	International Air Transport Association
IMDG	International Maritime Organisation Rules
STEL	Short term exposure limit
TWA	Time weighted average
LC_{Lo}	Lethal Concentration Low – lowest concentration causing death
LD_{Lo}	Lethal Dose Low – lowest dose causing death
LC_{50}	Lethal Concentration required to kill 50% of test population
EC_{50}	Half maximal effective concentration

This SDS has been prepared and issued by:

Sharp and Howells Pty Ltd
Chartered Chemists
41 Greenaway Street, Bulleen, Victoria, 3105, Australia.
Phone: (03) 9850 9722
Fax: (03) 9850 9733

The information contained herein is based on the present state of our knowledge. This document characterises the product with regard to the appropriate safety precautions, and is only proposed as a guide when applied for its intended use. Each intended user should consult this SDS, and perform their own appropriate risk assessment in context to how the product will be handled and used in the workplace. Sharp and Howells Pty Ltd will not be responsible for any loss or damages resulting from use of or reliance on the information and advice contained herein.