

1 IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER

Product Name	SHOWER SEAL
Hazard Statement	Classified as Non-Hazardous according to HSNO in New Zealand. Not classified as a Dangerous Good according to NZS5433:1999 Transport of Dangerous Goods on Land.
Recommended Use	A mildew resistant neutral cure silicone sealant.
Supplier	Bostik New Zealand Limited
Street Address	19 Eastern Hutt Road, Wingate, Lower Hutt, New Zealand
Telephone	++64 4 567 5119
Facsimile	++64 4 567 5412
Website	www.bostik.co.nz
Emergency Telephone Number	National Poisons Centre 0800 POISON or 0800 764 766
Emergency Response	In New Zealand 0800 CHEMCALL or 0800 243 622 In Australia 1800 033 111 Globally ++64 3 353 0199

2 HAZARDS IDENTIFICATION

Note: When curing is complete, the resulting product is an inert and non-toxic silicone elastomer.

Hazard Statement Non-Hazardous: May cause mild eye irritation in the uncured state.

Precautions Wear glasses when skin or eye contact is likely such as when working at or above head height. Wear gloves if repeated skin contact is likely.

Product slowly hydrolyses in contact with air or moisture, producing ethanol. Ethanol is highly flammable and may form an explosive vapour mixture with air in closed containers.

HSNO Classifications

Not applicable

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Non-hazardous ingredients (polydimethylsiloxanes and silicones)	70131-67-8-	High
Petroleum distillate, hydrotreated middle	128446-60-6	Low
Tetraethyl silicate	78-10-4	Low
By-product of curing: Ethanol	64-17-5	On contact with air or moisture: Low

High = >60% Medium = 10% - 60% Low = 1% - 10% Very Low = < 1%

4 FIRST AID MEASURES

Poisoning is unlikely, if a quantity is ingested contact the National Poison Centre:
New Zealand 0800 POISON or 0800 764 766.

First Aid**Inhalation**

Unlikely in normal use. Remove person to fresh air. Get medical advice if breathing becomes difficult.

Skin Contact

Remove contaminated clothing. Wipe skin clean and then wash with warm soapy water. Do not scrub. If irritation occurs, get medical assistance.

Eye Contact

Flood gently with water for 15 minutes. Remove contact lenses promptly if present and easy to do. If eye irritation persists, get medical attention.

Ingestion

Rinse mouth well with water. Do not induce vomiting, give a glass of water to dilute and get medical advice immediately. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water.

Advice to Physician

Treat symptomatically.

5 FIRE FIGHTING MEASURES

Type of Hazard Non-flammable material.

HAZCHEM Code Not applicable

Extinguishing Media Not flammable, however if material is involved in a fire use water fog (or if unavailable a fine water spray), foam, or dry agent (carbon dioxide, dry



chemical powder).

Unsuitable extinguishing Media

Water Jet

Precautions for Firefighters

Wear self contained breathing apparatus

Additional Advice

Product may release ethanol vapours, which are highly flammable and may form explosive mixtures with air in enclosed spaces. Formaldehyde can be produced when heated above 150°C.

6 ACCIDENTAL RELEASE MEASURES

Small Spills (< 20 litres)

Wear protective equipment to prevent skin and eye contamination. Dust surface with sand or similar material to prevent sticking and then scrape up. Wipe clean with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large Spills (> 20 litres)

Slippery when spilt. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain spill to prevent run off into drains and waterways. Eliminate sources of ignition in enclosed spaces. Use absorbent (rags, soil, sand, or other inert material). Collect and seal in properly labelled containers or drums for disposal. To remove slippery traces after a spillage scrub with hot water and detergent, or wipe with a cloth wet with a high flashpoint solvent such as kerosine. Wash water should be directed to sewer only.

7 HANDLING AND STORAGE

Handling

No special protective measure required. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and excessive skin contact. Provide natural ventilation during application and curing.

Storage

Store in a cool, dry, well ventilated place out of direct sunlight. Keep containers closed when not in use. Check regularly for leaks.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines

Substance

WES-TWA

WES-STEL

Not applicable

Engineering Controls

Natural ventilation should be adequate under normal conditions of use.

Personal Protection Equipment

Overalls, safety shoes, safety glasses (if working at or above head height), gloves if skin contact is likely.

Shower Seal

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent non-flowing paste
Odour	Characteristic
Flash Point	Not applicable
Autoignition temperature	>400°C
Boiling Point	Not applicable
Specific Gravity	1.01 g/cm ³ at 20°C
Solubility in Water	Insoluble

10 STABILITY AND REACTIVITY

Stability of Substance	This material is thermally stable when stored and used as directed.
Conditions to Avoid	Moisture causes this product to hydrolyse, slowly releasing ethanol vapour.
Incompatible Materials	Water, acids and alkalis.
Hazardous Decomposition Products	Thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes thermal or oxidative degradation.
Hazardous Reactions	No information available.

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:

Acute Effects	
Inhalation	Unlikely in normal use. High concentrations of ethanol vapour released during cure may cause irritation of the respiratory tract.
Skin Contact	Prolonged or repeated contact with uncured product may cause irritation.
Eye Contact	Uncured product may be moderately irritating to the eye.



Ingestion Swallowing can result in nausea and vomiting.

Long Term Effects None known.

12 ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Ecotoxicity Not classified as Ecotoxic under HSNO.

Persistence and degradability The product does not biodegrade.

Mobility Not soluble in water.

13 DISPOSAL CONSIDERATIONS

Substance Disposal Dispose of in an authorised landfill. Do not dispose of down drains or into local waterways.

Container Disposal Clean and recycle or dispose of in an authorised landfill.

Local Legislation Disposal should be in accordance with applicable regional and national laws and regulations.

14 TRANSPORT INFORMATION

Land Transport

Not classified as Dangerous Goods by the criteria of NZS 5433:1999 Transport of Dangerous Goods on Land for transport by road or rail.

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

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Environmental Risk Management Authority (ERMA) Group Standard Number:

Not applicable

Hazardous Substances and New Organisms Act (HSNO):

Approved Handler not required.

16 OTHER INFORMATION

SDS Revisions Safety Data Sheets are updated at least every 5 years. This is not a controlled document. Obtain the latest version by visiting www.bostik.co.nz.

Reason for Issue First issue

SDS Distribution The information in this document should be made available to all who may handle this product.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use the product in the workplace. Since Bostik New Zealand Limited cannot anticipate or control the conditions under which the product may be used, each user must review this SDS prior to usage, 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 Bostik New Zealand Limited. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is available upon request.

Key / Legend

SDS	Safety Data Sheet
HSNO	Hazardous Substances and New Organisms Act 1996
WES-TWA	The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.
WES-STEL	The 15 minute average exposure standard. This applies to any 15 minute period in a working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to WES-TWA; both the short-term and time-weighted average exposures apply.

Disclaimer This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.