

**1 IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER**

Product Name	BOSTIK COOLROOM SEALANT CR6S
Hazard Statement	Classified as Not 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	General purpose 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
Date of Preparation	27 February 2012

2 HAZARDS IDENTIFICATION

Hazard Statement	Not hazardous
Precautions	Not applicable
HSNO Classifications	Not applicable

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Non-hazardous ingredients		Up to 100%
2-Butanone oxime (Methyl Ethyl Ketoxime) is released as a by-product of curing on contact with air or moisture.	96-29-7	Low



High = >60%

Medium = 10% - 60%

Low = 1% - 10%

Very Low = < 1%

4 FIRST AID MEASURES

If poisoning occurs, contact the National Poison Centre:

(New Zealand 0800 POISON or 0800 764 766).

First Aid**Inhalation**

Remove person to fresh air. Get medical advice if breathing becomes difficult.

Skin Contact

Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance.

Eye Contact

Hold open and gently flood with water for at least 15 minutes. Get medical advice.

Ingestion

Rinse mouth 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**

Combustible material.

HAZCHEM Code

Not applicable

Fire Hazard Properties

May emit toxic fumes on burning. Fumes from combustion of this material may include carbon dioxide, carbon monoxide, oxides of nitrogen, or a wide variety of innocuous or toxic fumes.

Extinguishing Media

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

Not applicable

Precautions for Firefighters

Wear self contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Small Spills (< 20 litre) Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household waste.

Large Spills (> 20 litre) Slippery when spilt. Clean up immediately to avoid accidents. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours, work upwind or increase ventilation. Contain spill to prevent run off into drains and waterways, and contact emergency services if spillage enters waterways or drains. Use absorbent (rags, soil, sand, or other inert material). Collect and seal in properly labelled containers or drums for disposal.

7 HANDLING AND STORAGE

Handling Avoid eye contact, and repeated or prolonged skin contact. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact. Avoid breathing vapours.

Storage Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from any incompatible materials as defined in Section 10 of this SDS. Keep containers tightly closed when not in use. Check regularly for leaks.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION
Workplace Exposure Guidelines

Substance	WES-TWA	WES-STEL
By-product of curing: Methyl Ethyl Ketoxime	3 ppm (Recommended)	10 ppm (Recommended)

Engineering Controls Natural ventilation should be adequate under normal conditions of use.

Personal Protection Equipment No protective equipment required for handling individual retail packs. For industrial use wear overalls, safety glasses, and nitrile rubber gloves. If ventilation is poor, wear organic vapours respirator.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-white colour thixotropic paste.
Odour	Slight
Boiling Point °C	Not applicable
Specific Gravity	1.0
Relative Vapour density (air =1)	>1
Evaporation rate (n-butyl acetate =1)	>1 for volatile components
Flash point (°C)	Not available
VOC (g/L)	65 (theoretical value for Titania colour)
Solubility in Water	Very low

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

10 STABILITY AND REACTIVITY

Stability of Substance	This material is thermally stable when stored and used as directed.
Conditions to Avoid	Elevated temperatures and sources of ignition. Contact with water or excessive humidity will result in product curing.
Incompatible Materials	Oxidising agents.
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 combustion.
Hazardous Reactions	When curing, methyl ethyl ketoxime will be released.

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**General**

Cured product is not hazardous. Curing commences on contact with



atmospheric moisture. Methyl ethyl ketoxime released during application and curing. High concentrations of this vapour, or prolonged and repeated skin contact may cause adverse effects as listed below.

Inhalation	May cause irritation of mucous membranes and the respiratory tract.
Skin Contact	Contact with skin may result in irritation. Methyl ethyl ketoxime is a skin sensitizer. Repeated or prolonged contact with uncured product may lead to allergic contact dermatitis.
Eye Contact	Uncured product may cause eye irritation.
Ingestion	Swallowing uncured material can result in nausea, vomiting and irritation of the gastrointestinal tract. Swallowing small quantities of cured sealant is not expected to cause adverse effects.
Long Term Effects	Use good industrial hygiene to reduce any possibility of sensitisation developing over time. Methyl ethyl ketoxime can be absorbed through the skin. Prolonged inhalation may damage nasal tissues (based on animal testing).

Acute Toxicity

No data available for this product. However for the constituent:

Methyl ethyl ketoxime (2-Butanone oxime):

Oral LD50 (rat):	2,300-3,700 mg/kg
Dermal LD50 (rat):	>1,000 mg/kg
Inhalation LC50 (rat):	>4.8 mg/L (4 hour)
Eye irritant (rabbit):	Corrosive
Skin irritant:	Mild
Skin sensitizer:	Weak

12 ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Ecotoxicity Unlikely to be Ecotoxic under HSNO.

Persistence and degradability Unknown, but expected to biodegrade slowly if at all.

**Mobility**

No information available, but essentially not soluble in water.

13 DISPOSAL CONSIDERATIONS

Substance Disposal	Leave open to air to evaporate solvent and to allow to cure, then dispose of in an authorised landfill. Do not dispose of down drains or into local waterways.
Container Disposal	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.

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. Obtain the latest version by visiting www.bostik.co.nz.

A vertical bar in the margin indicates an amendment from the previous version.

Reason for Issue SDS Review.

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, prior to usage, review this SDS 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.

