

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

Product Name SEAL N FLEX FC

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 This product is a sealant / adhesive for construction applications.

Supplier Bostik New Zealand Limited

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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 127 406
Globally ++64 3 353 0199

Date of Preparation 01 June 2006

2 HAZARDS IDENTIFICATION

Hazard Statement Not hazardous

Precautions Not applicable

HSNO Classifications Not applicable

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Diphenylmethane-4,4'-diisocyanate	101-68-8	Very low
Non-hazardous ingredients	-	Up to 100%

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 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 liquid
HAZCHEM Code	Not applicable
Fire Hazard Properties	On burning, may emit toxic fumes.
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	Not applicable
Precautions for Firefighters	Not applicable
Additional Advice	Not applicable

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). Collect and seal in properly labelled containers or drums for disposal.

Large Spills (> 20 litre) Slippery when spilt. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Contain spill to prevent run off into drains and waterways. 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 Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact.

This product contains isocyanates (MDI) at very low levels, <0.5%. MDI is a respiratory sensitiser, but the risk of exposure by inhalation with this product is unlikely. The MDI has a high vapour pressure therefore MDI vapours are not emitted at normal operating temperatures.

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 closed when not in use. Check regularly for leaks.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Workplace Exposure Guidelines**

Substance	WES-TWA	WES-STEL
Isocyanates, all (as -NCO)	0.02 mg/m ³	0.07 mg/m ³

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

Personal Protection Equipment Overalls, safety shoes, safety glasses, gloves.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Coloured thixotropic paste
Odour	Aromatic
Specific Gravity	1.3

**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	Avoid high temperatures.
Incompatible Materials	Water, alcohol, amines, acids and bases.
Hazardous Decomposition Products	Thermal decomposition is highly dependant on conditions. A mixture including carbon monoxide, carbon dioxide, smoke and other toxic fumes (which may include isocyanates) will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous Reactions	Will react exothermically with water and all organic compounds containing active hydrogen groups.

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	Product may be an irritant to mucous membranes and respiratory tract.
Skin Contact	Contact with skin may result in irritation. Repeated or prolonged contact may lead to irritation.
Eye Contact	May be an eye irritant.
Ingestion	Swallowing can result in nausea and vomiting.
Long Term Effects	No information available.

12 ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Ecotoxicity Not classified as Ecotoxic under HSNO.



Persistence and degradability The product is expected to biodegrade slowly.

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 Recycle or reuse if possible, 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. Obtain the latest version by visiting www.bostik.co.nz.



SAFETY DATA SHEET

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.