

# Material Safety Data Sheet

Infosafe No. 2BK26 Issue Date: February 2000

ISSUED by BOSTIK

Product Name: **SEAL'N'FLEX 1**

**Not classified as hazardous according to criteria of NOHSC**

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## COMPANY DETAILS

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**Company Name** BOSTIK FINDLEY AUSTRALIA PTY LTD (ABN 003 893 838)

**Address** 51 - 71 High Street Thomastown  
VIC 3074

**Tel/Fax** Tel: 03 9279 9333 Fax: 03 9279 9270

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## IDENTIFICATION

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**Product Name** SEAL'N'FLEX 1

**Proper Shipping Name** None Allocated

<b>Other Names</b>	<b><u>Name</u></b>	<b><u>Mancode</u></b>
	Seal'N'Flex 1 Bahama Beige, 300ml	246190
	Seal'N'Flex 1 Grey, 300ml	246158
	Seal'N'Flex 1 White, 300ml	246220
	Seal'N'Flex 1 Black, 300ml	246204
	Seal'N'Flex 1 Sandstone, 300ml	246212
	Seal'N'Flex 1 Grey, 600ml	216275
	Seal'N'Flex 1 Limestone, 600ml	217824
	Seal'N'Flex 1 White, 600ml	216267
	Seal'N'Flex 1 Black, 600ml	217808
	Seal'N'Flex 1 Bahama Beige, 600ml	217751
	Seal'N'Flex 1 Sandstone, 600ml	226203
	Seal'N'Flex 1 Redwood, 600ml	226688
	Seal'N'Flex 1 Off-white, 600ml	218262
	Seal'N'Flex 1 Manilla Sand, 600ml	232440
	Seal'N'Flex 1 Classic Bone, 600ml	242322
	Seal'N'Flex 1 Epping Grey, 600ml	232556
	Seal'N'Flex 1 Burnt Orange, 600ml	224359

	Seal'N'Flex 1 Bronze, 600ml	226284
	Seal'N'Flex 1 Keystone, 600ml	251267
	Seal'N'Flex 1, SNG Bronze, 720gm	259772
<b>UN Number</b>	None Allocated	
<b>DG Class</b>	None Allocated	
<b>Packing Group</b>	None Allocated	
<b>Hazchem Code</b>	None Allocated	
<b>Poisons Schedule</b>	Not Scheduled	
<b>Product Use</b>	A gunnable, air-curing, low modulus, 1-part construction sealant.	

### Physical Data

<b>Appearance</b>	Thixotropic, non-slump, colored paste with slightly aromatic odour.
<b>Boiling Point</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Specific Gravity</b>	1.15-1.20 g/cm <sup>3</sup>
<b>Flash Point</b>	65° C (DIN 53 213)
<b>Flamm. Limit LEL</b>	Not available

### Other Properties

<b>Other Information</b>	Solubility: Not available
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### Ingredients

<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	Polyurethane Polymer		30-60 %
	Plasticiser		10-30 %
	Filler		10-30 %
	Pigment		0-10 %
	Xylene	1330-20-7	0-10 %
	Isophorone Diisocyanate (IPDI) (White Only)	4098-71-9	0-0.3 %
	Tin-organic compound		0-0.1 %
	Toluene Diisocyanate (TDI)	26471-62-5	TRACE

### HEALTH HAZARD INFORMATION

#### Health Effects

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<b>Acute - Swallowed</b>	May be harmful if swallowed.
<b>Acute - Eye</b>	May be an eye irritant. TDI: eye-rabbit, 100mg - severe irritant.
<b>Acute - Skin</b>	Contact with skin may result in irritation.
<b>Acute - Inhaled</b>	Inhalation of high vapour concentrations may produce headache, giddiness and irritation of the respiratory tract due to xylene, where xylene: inhalation-human: TLo (lowest toxic concentration)-200ppm produces nose, eye and pulmonary effects. Testing with a GMD 925 Autostep Monitor, 5cm above a fresh sample of this material, detected no isocyanate, therefore no adverse health effects associated with exposure to isocyanates is expected.
<b>Chronic</b>	Repeated or prolonged skin contact may lead to dermatitis.

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### First Aid

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<b>Swallowed</b>	If swallowed, seek medical attention.
<b>Eye</b>	Not a likely hazard due to the materials paste like consistency. However, should some enter the eyes, flush with water and remove material. Seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wipe off excess material then wash skin with plenty of soap and water. If irritation persists, seek medical attention.
<b>Inhaled</b>	Remove patient from contaminated area. Apply artificial respiration if necessary. Seek medical attention.

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### Advice to Doctor

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<b>Advice to Doctor</b>	Treat symptomatically.
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### Other Health Hazard Information

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### PRECAUTIONS FOR USE

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<b>Exposure Limits</b>	No exposure standard is available for the material as such. Exposure standards for the hazardous components are as follows (NOHSC-1995): Xylene: TWA: 80ppm (350mg/m <sup>3</sup> ), STEL: 150ppm (655mg/m <sup>3</sup> ), Tin-organic compound: TWA: 0.1mg/m <sup>3</sup> , STEL: 0.2mg/m <sup>3</sup> (as Sn)-Skin TDI & IPDI: TWA: 0.02mg/m <sup>3</sup> , STEL: 0.07mg/m <sup>3</sup> - Sensitiser TWA is the time weighted average concentration of the work atmosphere over a normal 8-hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect. These TWAs are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as is practically possible. These TWAs should not be used as fine lines between safe and dangerous concentrations.
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A 'skin' notation indicates that this substance will also be readily absorbed through the skin, which may be by airborne material or direct contact. The TWA is obviously invalidated if such contact should occur. Sensitiser - a material which can cause sensitisation (specific immune response) in some people. Once sensitisation has occurred, an affected individual may subsequently react to exposure to very small levels of that substance, rendering the exposure standard inadequate. Reaction may be as a skin rash or inflammation or as an asthmatic condition. As a result, individuals who have a history of asthma or respiratory disorders are advised not to work with isocyanates.

STEL - Short Term Exposure Limits are expressed as airborne concentrations of substances averaged over a period of 15 minutes. These concentrations should not be exceeded at any time during a normal 8 hour working day. Exposure to these actual concentrations should not be continuous for longer than 15 minutes or for more than four such periods per working day and a minimum of 60 minutes should be allowed between successive exposures at STEL concentrations.

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**Eng. Controls**

Use only in a well ventilated area where the recommended exposure standards will not be exceeded.

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**Personal Protection**

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**Protective Equip.**

Respiratory protection: Suitable cartridge mask may be required if ventilation is insufficient to ensure the recommended exposure standards are not exceeded.

Gloves: Avoid skin contact, wear protective rubber or PVC gloves.

Eye protection: Safety glasses recommended if there is danger of material entering the eyes.

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**Flammability**

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**Fire Hazards**

Combustible.

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**SAFE HANDLING INFORMATION**

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**Storage and Transport**

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**Storage and Transport**

Store under cool, dry conditions away from strong oxidising agents and sources of heat. Keep containers sealed when not in use to prevent curing.  
IMDG - Not applicable      IATA - Not applicable

**Proper Shipping Name**

None Allocated

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**Spills and Disposal**

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**Spills & Disposal** Ensure clean-up personnel wear appropriate protective equipment. Collect spill for disposal. Uncured product to be disposed as per statutory regulations. Thoroughly clean area where spill occurred with water and detergent.

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### Fire/Explosion Hazard

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**Fire/Explos. Hazard** Hazardous decomposition products on burning: oxides of carbon, chlorine compounds, oxides of nitrogen, smoke and fumes.  
Fire-fighting personnel to wear self-contained breathing apparatus and protective clothing.  
Extinguishing media: foam, dry chemical, carbon dioxide, water.

**Hazardous Reaction** Will begin to cure on exposure to air. Incompatible with moisture, strong oxidising agents and heat.

**Hazchem Code** None Allocated

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### OTHER INFORMATION

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**Toxicology** No toxicity data is available for the material as such.

**Environ. Protection** This material may be hazardous to the environment in the uncured form.

**Manufacturers Advice** REASON FOR UPDATE: Addition to trade names  
SUPERSEDES: Issue dated 17th October, 1998

**Technical Data** Refer Product Information Bulletin

**User Codes**

	<u>User Code</u>
Field 2	SEE PAGE 1

**Other Information** N/A - Not Applicable  
NOHSC - National Occupational Health & Safety Commission (Worksafe Aust.)  
IMDG - International Maritime Dangerous Goods Code  
IATA - International Air Transport Association

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### CONTACT POINT

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**Contact** & 24 Hour Emergency Telephone:  
R & D Laboratory Manager      Regulatory Affairs Officer  
(03) 9279-9315 or                      (03) 9279-9320 or  
Mobile: 0418 961 812                      Mobile: 0419 335 187

...End Of MSDS...