

# Material Safety Data Sheet

Infosafe No. 2BK4P Issue Date: September 2000 ISSUED by BOSTIK

Product Name: **BOSTIK KITCHEN & BATHROOM SILICONE**

**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** BOSTIK KITCHEN & BATHROOM SILICONE

**Proper Shipping Name** None Allocated

<b>Other Names</b>	<b><u>Name</u></b>	<b><u>Mancode</u></b>
	Bostik Kitchen/Bathroom Sil. White, 300ml	241563
	Bostik Silicone Kitchen/Bathroom, 75gm	240362

**UN Number** None Allocated

**DG Class** None Allocated

**Packing Group** None Allocated

**Hazchem Code** None Allocated

**Poisons Schedule** Not Scheduled

**Product Use** Silicone sealant for sanitary applications where resistance to growth of mould and fungi are required.

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## Physical Data

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<b>Appearance</b>	Translucent solid with vinegar odour.
<b>Boiling Point</b>	Not Available
<b>Vapour Pressure</b>	Not Available
<b>Specific Gravity</b>	1.0 (Water = 1)
<b>Flash Point</b>	Not Available
<b>Flamm. Limit LEL</b>	Non-flammable
<b>Solubility in Water</b>	Insoluble

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## Other Properties

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<b>Volatile Component</b>	Less than 10%
<b>Evaporation Rate</b>	Less than 1 (butyl acetate = 1)
<b>Odour Threshold</b>	1.0ppm

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## Ingredients

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<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	Polydimethylsiloxane compounds		60-100 %
	Non-hazardous trade secret components		10-60 %
	METHYLTRIAACETOXYSILANE	4253-34-3	1-10 %

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## HEALTH HAZARD INFORMATION

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### Health Effects

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<b>Acute - Swallowed</b>	May be harmful if swallowed.
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<b>Acute - Eye</b>	Contact with uncured product may cause irritation.
<b>Acute - Skin</b>	Contact with uncured product may irritate skin, lips, gums & tongue.
<b>Acute - Inhaled</b>	High concentrations of vapours may cause irritation of the respiratory tract.
<b>Other Information</b>	Acetic acid is released during cure. This product contains Methylpolysiloxanes which can generate formaldehyde at approx. 150°C and above, in atmospheres containing oxygen. Formaldehyde is a skin and respiratory sensitiser, eye and throat irritant, acute toxicant and potential cancer hazard.

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## **First Aid**

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<b>Swallowed</b>	Rinse mouth with water several times. Seek medical advice.
<b>Eye</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical assistance if symptoms persist.
<b>Skin</b>	Wipe off excess with cloth or paper towel then wash affected area with plenty of soap and water. Seek medical attention if irritation persists.
<b>Inhaled</b>	Remove patient to fresh air. Seek medical advice if symptoms persist.
<b>First Aid Facilities</b>	Eye wash

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## **Advice to Doctor**

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<b>Advice to Doctor</b>	Treat symptomatically. Consult Poisons Information Centre.
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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 standard for acetic acid, which is given off during cure, is as follows: Acetic acid: TWA: 10ppm (25mg/m <sup>3</sup> ), STEL: 15ppm (37mg/m <sup>3</sup> ) (NOHSC - 1995)
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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.

STEL (Short Term Exposure Limit) is the airborne concentration of a substance averaged over a period of 15 minutes. This short term concentration should not be exceeded at any time during a normal 8-hour work day.

**Eng. Controls** Avoid breathing vapours. Use in a well ventilated area. Ventilation should be sufficient to ensure the recommended exposure standard is not exceeded.

**Other Information** Safe working practice and good hygiene should be observed.

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### **Personal Protection**

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**Protective Equip.** Avoid contact with skin and eyes and avoid breathing vapours of uncured product. Wear suitable respiratory protection (according to AS1715 & AS1716) if ventilation inadequate to ensure recommended exposure standards are not exceeded.  
Cloth gloves.  
Safety glasses.

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### **Flammability**

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## **SAFE HANDLING INFORMATION**

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### **Storage and Transport**

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**Other Storage Info.** The hazards associated with the uncured sealant are due mainly to the reactive silane crosslinkers and the vapours given off when the sealant reacts with moisture in the air. When curing is complete, the resulting product is an inert, non-toxic, silicone elastomer.  
Note: residual sealant may remain on fingers for several days and transfer to contact lenses and cause severe eye irritation. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger-tips, nails and cuticles.

**Proper Shipping Name**            None Allocated

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**Spills and Disposal**

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**Spills & Disposal**            Clean-up personnel to wear appropriate personal protective equipment. Ensure adequate ventilation.  
Wipe, scrape or soak up in inert material and put in a container for disposal. WASH surfaces with soap and water.  
Dispose as per local, state & federal regulations.

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**Fire/Explosion Hazard**

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**Fire/Explos. Hazard**            Hazardous decomposition/combustion products: oxides of carbon, silicon dioxide, acetic acid, formaldehyde.  
Extinguishing media: carbon dioxide, dry powder, water spray.

**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. Toxicity data available for acetic acid (given off during curing) is as follows:  
Inhalation-human (lowest toxic concentration) TCLo: 816ppm/3minutes (nose, eye and pulmonary effects)  
Methyltriacetoxysilane: Acute oral LD50 (mg/kg): 2,060 (rat)

**Pkg. & Labelling**            Keep in original airtight container to prevent degradation.

**Manufacturers Advice**        REASON FOR UPDATE: Addition of new item  
SUPERSEDES: Issue dated 23rd November, 1999

**Technical Data**                Refer Product Information Bulletin

**Other Information**            N/A - None Assigned  
NOHSC - National Occupational Health & Safety Commission (Worksafe Aust.)

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**CONTACT POINT**

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**Contact**

& 24 Hour Emergency Telephone:

R & D Laboratory Manager

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Mobile: 0418 961 812

Regulatory Affairs Officer

(03) 9279-9320 or

Mobile: 0419 335 187

**...End Of MSDS...**