



# SAFETY DATA SHEET

**BOSTIK SEAL'N'FLEX FACADE BLACK**  
Revision Number 3

Revision date 23-Jan-2024  
Supersedes Date: 18-Jan-2024

## Section 1: Identification: Product identifier and chemical identity

### Product identifier

**Product Name** BOSTIK SEAL'N'FLEX FACADE BLACK

**Product Code(s)**

30619350

30619349; 30619350; 30620772; 30626227

### Other means of identification

**Pure substance/mixture** Mixture

### Recommended use of the chemical and restrictions on use

**Recommended use** Sealant

**Uses advised against** No information available.

### Details of manufacturer or importer

**Supplier**

Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

**Manufacturer**

Bostik SA  
420 rue d'Estienne d'Orves  
92700 Colombes  
FRANCE  
Tel: +33 (0)1 49 00 90 00

**ABN:** 79 003 893 838

**E-mail address** au-bostik-sds@bostik.com

### Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

## Section 2: Hazard(s) identification

### GHS Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS) Not classified

### Label elements

### **Hazard statements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS) Not classified

### **Other hazards which do not result in classification**

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

### **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

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No poisons schedule number allocated

## Section 3: Composition and information on ingredients, in accordance with Schedule 8

### Substance

Not applicable

### Mixture

Chemical name	CAS No.	Weight-%
Trimethoxyvinylsilane	2768-02-7	0-<5
Carbon black	1333-86-4	0-<5
Dibutyltin dilaurate	77-58-7	<1
Non-hazardous ingredients	Proprietary	Balance

## Section 4: First aid measures

**Emergency telephone number** Poisons Information Center, Australia: 13 11 26  
Poisons Information Center, New Zealand: 0800 764 766

### Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand.

**Inhalation** Remove to fresh air. If symptoms persist, call a physician.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin contact** IF ON SKIN: Wash with plenty of soap and water.

**Ingestion** Small amounts of toxic methanol are released by hydrolysis. Call a physician immediately. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water.

### Most important symptoms and effects, both acute and delayed

**Symptoms** None known.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released, when the product is exposed to moisture or water. Treat symptomatically.

## Section 5: Firefighting measures

### Suitable Extinguishing Media

**Suitable extinguishing media** Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable extinguishing media** Full water jet.

### Specific hazards arising from the chemical

**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating gases and vapors.

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**Hazardous combustion products** Carbon oxides. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Silicon dioxide.

## Special protective actions for fire-fighters

**Special protective equipment and precautions for fire-fighters** Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing.

**For emergency responders** Use personal protection recommended in Section 8.

### Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Do not scatter spilled material with high pressure water streams.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

### Precautions to prevent secondary hazards

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## Section 7: Handling and storage, including how the chemical may be safely used

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Protect from moisture. Keep away from food, drink and animal feeding stuffs.

**Recommended storage temperature** Keep at temperatures between 50 and 95 °F / 10 and 35 °C.

## Section 8: Exposure controls and personal protection

### Control parameters

**Exposure Limits** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. This product contains carbon black in a non-respirable form. Inhalation of carbon black is unlikely to occur from exposure to this product.

Chemical name	Australia
Carbon black 1333-86-4	TWA: 3 mg/m <sup>3</sup>

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Dibutyltin dilaurate 77-58-7	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup>
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OEL as published by Safe Work Australia

## Appropriate engineering controls

**Engineering controls** Showers, eyewash stations, and ventilation systems.

## Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Lightweight protective clothing. Long sleeved clothing.

**Hand protection** For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Respiratory protection** Organic gases and vapors filter conforming to EN 14387. White. Brown.

**Environmental exposure controls** No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

**Physical state** Solid  
**Appearance** Paste  
**Color** Black  
**Odor** Characteristic  
**Odor threshold** No information available

Property	Values	Remarks • Method
<b>pH</b>	No data available	Not applicable
<b>pH (as aqueous solution)</b>	No data available	
<b>Melting point / freezing point</b>	No data available	
<b>Initial boiling point and boiling range</b>	No data available	
<b>Flash point</b>	> 61 °C	
<b>Evaporation rate</b>	No data available	
<b>Flammability</b>	No data available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	
<b>Relative vapor density</b>	No data available	
<b>Relative density</b>	No data available	
<b>Water solubility</b>	No data available	
<b>Solubility(ies)</b>	No data available	
<b>Partition coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	No data available	
<b>Kinematic viscosity</b>	approx 597000 mm <sup>2</sup> /s	
<b>Dynamic viscosity</b>	approx 800000 mPa s	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

### Other information

**Solid content (%)** No information available

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Liquid Density 1.34 g/cm<sup>3</sup>  
VOC content No information available

## Section 10: Stability and reactivity

### Reactivity

Reactivity Product cures with moisture.

### Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### Conditions to avoid

Conditions to avoid Product cures with moisture. Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials

Incompatible materials None known based on information supplied.

### Hazardous decomposition products

Hazardous decomposition products Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

## Section 11: Toxicological information

### Acute toxicity

### Information on likely routes of exposure

Inhalation Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

Skin contact Based on available data, the classification criteria are not met. May cause sensitization in susceptible persons.

Ingestion Based on available data, the classification criteria are not met.

Symptoms No information available.

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) >5000  
ATEmix (dermal) >5000  
ATEmix (inhalation-gas) >20000

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ATEmix (inhalation-vapor) 526.60  
ATEmix (inhalation-dust/mist) >5

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Trimethoxyvinylsilane	LD50 = 7120 -7236 mg/kg (Rattus) OECD 401	= 3540 mg/kg (Oryctolagus cuniculus)	LC50 (4hr) 16.8 mg/l (Rattus) OECD TG 403
Carbon black	LD50 > 8000 mg/kg (Rattus) OECD 401	> 3 g/kg (Oryctolagus cuniculus)	> 4.6 mg/m <sup>3</sup> ( Rat ) 4 h
Dibutyltin dilaurate	=2071 mg/Kg (Rattus) (OECD 401)	>2000 mg/kg (Rattus) (OECD 402)	-

See section 16 for terms and abbreviations

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

Component Information					
Trimethoxyvinylsilane (2768-02-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye		24 hours	Non-irritant

**Respiratory or skin sensitization** OECD Test No. 406: Skin Sensitization. No sensitization responses were observed. No classification is proposed, based on conclusive negative data. May cause sensitization in susceptible persons.

Product Information			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	No sensitization responses were observed

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

Component Information		
Trimethoxyvinylsilane (2768-02-7)		
Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	in vitro	Not mutagenic

**Carcinogenicity** Based on available data, the classification criteria are not met. As Carbon black (1333-86-4) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia	European Union	IARC
Carbon black 1333-86-4			Group 2B

Legend

IARC (International Agency for Research on Cancer)  
Group 2B - Possibly Carcinogenic to Humans

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**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

Component Information					
Trimethoxyvinylsilane (2768-02-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 413: Subchronic Inhalation Toxicity: 90-day Study	Rat	Inhalation vapor		90 days	0.058 NOAEL

**Aspiration hazard** Based on available data, the classification criteria are not met.

## Section 12: Ecological information

### Ecotoxicity

#### Aquatic ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trimethoxyvinylsilane 2768-02-7	EC 50 (72h) > 957 mg/l (Desmodesmus subspicatus) EU Method C.3	LC50 (96h) = 191 mg/l (Oncorhynchus mykiss)	-	EC50(48hr) 168.7mg/l (Daphnia magna)
Carbon black 1333-86-4	>10000 mg/l (Desmodesmus subspicatus) OECD 202	>1000 mg/l (Brachydanio rerio) OCDE 203	-	EC50: >5600mg/L (24h, Daphnia magna)
Dibutyltin dilaurate 77-58-7	EC50 (72h) >= 1 mg/l (Desmodesmus subspicatus)	LC50 (96h) = 3.1 mg/l (Danio rerio)	-	EC50 (48h) = 0.463 mg/l (Daphnia magna)

### Persistence and degradability

**Persistence and degradability** No information available.

Component Information			
Trimethoxyvinylsilane (2768-02-7)			
Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	BOD	51 % Not readily biodegradable

### Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

#### Component Information

Chemical name	Partition coefficient
Trimethoxyvinylsilane 2768-02-7	1.1
Dibutyltin dilaurate	4.44

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77-58-7	
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## Mobility

**Mobility in soil** No information available.

**Mobility** No information available.

## Other adverse effects

**Other adverse effects** No information available.

## Section 13: Disposal considerations

### Disposal methods

**Waste from residues/unused products** Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Handle contaminated packages in the same way as the product itself.

## Section 14: Transport information

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
No information available

## Section 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

##### Australia

See section 8 for national exposure control parameters

##### **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

##### **Illicit Drug Precursors/Reagents**

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

##### **National pollutant inventory**

Subject to reporting requirement

Chemical name	National pollutant inventory
Dibutyltin dilaurate 77-58-7	10 tonne/yr Threshold category 1



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## International Inventories

AIIC	Listed
NZIoC	Listed
ENCS	Not Listed
IECSC	Listed
KECI	Listed
PICCS	Not Listed

### **Legend:**

**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

## International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## Europe

### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

#### **SVHC: Substances of Very High Concern for Authorization:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

#### **Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)**

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

## **Section 16: Any other relevant information**

Revision date 23-Jan-2024

### **Revision Note**

SDS sections updated. 2.

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
C	Carcinogen		

#### **Section 11: TOXICOLOGICAL INFORMATION**

LD50 (lethal dose)

#### **Section 12: Ecological information**

EC50 (effective concentration)

### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing,

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storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**