

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

Product Name	EXTERIOR POWDER FILLER
Hazard Statement	Classified as 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	Fast setting filler for external use on concrete, cement render, brickwork and blockwork.
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 first prepared	01 February 2007

2 HAZARDS IDENTIFICATION

Hazard Statement	DANGER	Causes severe skin burns and eye damage.
Precautions	Do not breathe dust. Wash thoroughly after handling. Wear protective gloves and safety glasses. Do not handle until safety precautions have been read and understood.	

This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product may cause silicosis, a seriously disabling and fatal lung disease.

HSNO Classifications

6.3A	Causes skin irritation
6.4A	Causes severe eye irritation
6.7A	May cause cancer (respirable silica only)
8.2C	Causes severe skin burns and eye damage
8.3A	Causes serious eye damage

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS	Proportion
Cement	65997-15-1	Medium
Sand (containing respirable silica / quartz)	14808-60-7	Medium
Non-hazardous materials	-	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. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice.

Skin Contact

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

Eye Contact

Immediately hold open and flood with water for at least 15 minutes. Eyelids to be held open. Remove contact lenses if present and easy to do. Get medical advice.

Ingestion

Rinse mouth with water and give patient water to drink. Get medical advice immediately. Do NOT induce vomiting because of risk of aspiration. Never give anything by the mouth to an unconscious patient.

Advice to Physician

Treat symptomatically.

5 FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

Type of Hazard

Non-combustible material.

HAZCHEM Code

Not applicable.

Fire Hazard Properties

Product will not support combustion.



Extinguishing Media	Water fog, foam, dry chemical, carbon dioxide
Unsuitable Extinguishing Media	Not applicable.
Precautions for Firefighters	Wear full protective equipment, including self contained breathing apparatus.
Additional Advice	Not applicable.

6 ACCIDENTAL RELEASE MEASURES

Small Spills <20 litres	Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of dust by wearing suitable breathing protection. Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal or recycling.
Large Spills >20 litres	Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of dust by wearing suitable breathing protection. Contain spill to prevent run off into drains and waterways. Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal or recycling. See Disposal section of this SDS for further details.

7 HANDLING AND STORAGE

Handling	Avoid breathing of or contact with material. Use only in well ventilated areas. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact, and the inhalation of any dust. Wash thoroughly after handling.
Storage	Store in a cool, dry place. Store away from any incompatible materials as defined in Section 10 of this SDS. Keep containers and bags closed when not in use. Check regularly for leaks.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines

Substance	WES-TWA	WES-STEL
Cement	-	-
Sand – respirable quartz	0.2 mg/m ³	-
Sand (particulates, not otherwise specified)		
- inspirable dust	10 mg/m ³	-
- respirable dust	3 mg/m ³	-



Engineering Controls	Use in a well ventilated area. Always wear a dust mask, even if using a local exhaust ventilation system.
Personal Protection Equipment	Avoid dust inhalation. Always wear a dust mask. Avoid skin contact. Avoid repeated and prolonged skin contact. Wear overalls or similar protective clothing. Wear gloves, and enclosed footwear. Avoid eye contact. Wear safety glasses, goggles or appropriate face shield. Wash contaminated clothing and other protective clothing and other protective equipment before storing or reusing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey powder
Odour	Nil
Specific Gravity	1.4
pH (mixed with water, slurry)	12 – 13
Solubility in Water	Partly miscible

10 STABILITY AND REACTIVITY

Stability of Substance	This material is stable when stored and used as directed.
Conditions to Avoid	Do not store in damp conditions, as product will start to cure and go hard.
Incompatible Materials	No information available.
Hazardous Decomposition Products	No information available.
Hazardous Reactions	No information available.

11 TOXICOLOGICAL INFORMATION

Information given in this Safety Data Sheet is based on the data on the components and the toxicology of similar products.

No adverse health effects are expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Oral Toxicity	Not toxic, however swallowing can result in irritation to the mouth & digestive tract, and can cause nausea & vomiting.
----------------------------	---



SAFETY DATA SHEET

Acute Dermal Toxicity	Not toxic.
Acute Inhalation Toxicity	Not toxic, however is an irritant to mucous membranes and respiratory tract. Pre-existing upper respiratory and lung diseases may be aggravated by inhalation of dust.
Skin Irritation	Causes severe skin burns.
Eye Irritation	Causes severe eye damage.
Sensitisation (Respiratory & Contact)	Not expected to be a sensitiser.
Carcinogenicity	May cause cancer by inhalation (respirable quartz). This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product may cause silicosis, a seriously disabling and fatal lung disease.
Reproductive / Developmental Toxicity	Not expected to cause damage to fertility or the unborn child.
Mutagenicity	Not expected to be mutagenic.
Target Organ Systemic	May cause damage to organs through prolonged or repeated exposure.

12 ECOLOGICAL INFORMATION

Acute Toxicity Aquatic	Not harmful to aquatic life.
Soil	Not ecotoxic in the soil environment.
Terrestrial Vertebrate	Not ecotoxic to terrestrial vertebrates.
Terrestrial Invertebrate	Not ecotoxic to terrestrial invertebrates.
Persistence and degradability	This product will not biodegrade.
Bioaccumulation	No data available on the product itself, however the individual components do not bioaccumulate.
Mobility	Will combine with water, but not dissolve. Heavier than water.

**13 DISPOSAL CONSIDERATIONS**

- Substance Disposal** Do not dispose of down drains or into local waterways. Recycle or recover whenever possible. Dispose of substance to a hazardous or special waste collection point or through a licensed contractor.
- Container Disposal** Recycle if possible, or dispose of to a hazardous or special waste collection point.
- Local Legislation** Disposal should be in accordance with Hazardous Substances (Disposal) Regulations 2001, and with any other 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:

Construction Products (Corrosive [8.2C], Toxic [6.7A]) Group Standard 2006
HSR002543

Hazardous Substances and New Organisms Act (HSNO):

The following are trigger quantities for this substance by itself in a place.

Approved Handler Test Certificate 10 kg or more

Tracking Not applicable

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 First Issue

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.