

1	IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER
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Product Name	Ultra S1 White
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	Cement based tile adhesive. Ultra S1 powder is mixed with water to make a trowellable paste.
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

2	HAZARDS IDENTIFICATION
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Hazard Statement	DANGER	Causes severe eye damage.
Precautions	Do not breathe dust. Wear a dust mask when handling powder. Wear protective gloves and safety glasses at all times. Do not handle until safety precautions have been read and understood.	

This product contains small amounts of crystalline silica, of which some will be respirable (primarily respirable quartz). **Prolonged** or **repeated** inhalation of respirable quartz 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
8.3A	Causes serious eye damage

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Cement	65997-15-1	20 – 45%
Sand (containing respirable quartz)	14808-60-7	< 60 %
Non-hazardous materials	-	To 100%

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. Get medical advice if effects persist.
Skin Contact	Remove contaminated clothing and wash skin with water. Do not scrub. Irritation is unlikely if skin is washed promptly. If irritation occurs get medical assistance.
Eye Contact	Immediately hold open and flood gently 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. Can cause corneal burns.

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.

6 ACCIDENTAL RELEASE MEASURES

Small Spills <20 litres Clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of dust. Sweep or vacuum up, but avoid generating dust. Scrape up wet mixed paste and wash area well with water. Refer to disposal section of this SDS.

Large Spills >20 litres Clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of dust by wearing a dust mask. 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. Ensure thorough collection of powder. If washing down the spill area, ensure washings are well diluted when discharging to waste. See Disposal section of this SDS for further details.

7 HANDLING AND STORAGE

Handling Avoid breathing dust or contact with material. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact, and the inhalation of any dust. Wash contaminated skin promptly.

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.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines

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

Engineering Controls Not required in normal use.

Personal Protection Equipment Avoid dust inhalation. Wear a dust mask if inhalation is likely during mixing. Avoid skin contact especially repeated and prolonged skin contact for both dry powder and mixed paste. Wear gloves, overalls or similar protective clothing, and enclosed footwear. Avoid eye contact. Wear safety glasses during mixing. Wash contaminated clothing before storing or reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Odour	Nil
Bulk Density	Approximately 1.5
pH (mixed with water, slurry)	12 – 13
Solubility in Water	Slightly soluble

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.
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	This product contains respirable quartz. Prolonged or repeated inhalation of high doses of respirable quartz may cause cancer or 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	Strongly alkaline when mixed with water. Avoid discharging wash water to waterways.
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. Once this product has cured and hardened by reaction with environmental moisture, the product is no longer hazardous.
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 wash product into storm-water drains or local waterways. Recycle or recover whenever possible. Mix unwanted product with water according to package directions and allow to cure. Cured product may be disposed to landfill.
Container Disposal	Empty bags may be disposed to landfill.

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 (Subsidiary Hazard) Group Standard 2006:
HSR002544

Hazardous Substances and New Organisms Act (HSNO):

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

Approved Handler Test Certificate Not required

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.

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.