

ultraSTOP™

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

Product Name	Cement-based Crystallisation Waterproofing
Trade Name	ultraSTOP™
Chemical Name	Not applicable
Chemical Formula	Chemical mixture
Molar Mass	Not applicable
Chemical Family	Chemical mixture
Manufacturer's Code	No information available
Use	Spray-applied coating for waterproofing
Company	Waterproofing Systems Ltd
Address	PO Box 1113, Palmerston North, New Zealand
Telephone	+64 6 357 9148
Facsimile	+64 6 357 9410
Email	info@waterproofing.co.nz
Emergency Telephone Number	National Poisons Centre 0800 POISON or 0800 764 766
Emergency Response	
Date of Preparation	

COMPOSITION / INFORMATION ON INGREDIENT

No.	Materials	CAS No.	Proportion % (w/w)
1	Silica Sand	14808-60-7	20 to 30%
2	Ordinary Portland Cement	-	30 to 40%
3	Soda NA2CO3	497-19-8	5 to 15%
4	Methocel	87-69-4	1%

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey powder.
Odour	Not specific.
Solubility (in water)	< 10%.
Boiling Point	Not applicable.
Melting Point	No information available.
Vapour Pressure (mm of Hg at 25°C)	Not applicable.
Percentage Volatiles	No information available.
Evaporation Rate	Not applicable.
Vapour Density	Not applicable.
Specific Gravity	No information available.
Flash Point	No information available.
Auto Ignition Temperature	Not applicable.
Flammable Limit (%)	Not applicable.
pH	No information available.

HAZARDS IDENTIFICATION

The product is not a hazardous substance based on the cut-off concentration in EU Directive 2000/32/EC and the Mixture Classification Formulae in Guideline For The Classification of Hazardous Chemicals, Department of Occupational Safety and Health, Ministry of Human Resources, 1977.

FIRST AID MEASURES

Inhalation	Remove from exposure to fresh air immediately.
Skin Contact	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Eye Contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Ingestion	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

FIRE FIGHTING MEASURES

Fire	Not considered to be a fire hazard.
Explosion	Not considered to be an explosion hazard.
Fire Extinguishing Media	Use any means suitable for extinguishing surrounding fire.
Fire Fighting Instructions	In the event of a fire, wear full protective clothing and appropriate self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

ACCIDENTAL RELEASE MEASURE

Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment as specified below.

Spills	Wear protective equipment. For small spills, flush area with water; prevent washings from entering waterways. For large spills, collect and place in a suitable container for reclamation or disposal, using a method that does not generate dust.
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EXPOSURE CONTROL AND PERSONAL PROTECTION

Ventilation System	A system of local and/or general exhaust is recommended to keep employee exposure as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the containment at its source, preventing dispersion of it into the general work area.
Skin Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Eye Protection	Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work.
Flammability	Non-flammable.

STABILITY AND REACTIVITY

Stability	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products	No information available.
Hazardous Polymerisation	Will not occur.
Incompatibilities	No information available.

TOXICOLOGICAL INFORMATION

Toxicity Data	No information available.
Carcinogen City	No information available.
Reproductive Effect	No information available.
Effects of Overexposure	No information available.
Chronic Effects	No information available.
Target Organs	No information available.
LD50/LC50	No information available.

Medical conditions generally aggravated by exposure: Persons with pre-existing skin, eye or respiratory problems may be more susceptible to the effects of the substance.

ECOLOGICAL INFORMATION

Exotoxic Effects	Ecotoxicity data of the individual constituents and of the mixture are not available.
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DISPOSAL INFORMATION

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not listed as a scheduled hazardous waste with Environmental Quality (Scheduled Wastes) Regulations 1989, this material may exhibit one or more characteristics of a hazardous waster and require appropriate analysis to determine specific disposal requirements.

TRANSPORT INFORMATION

Suitable containers (plastic, polythene, polypropylene, plastic carboxy, polyliner) and drums should be used for storage and transportation of product.

CONTACT POINT

Waterproofing Systems Ltd Technical Department	06 357 9148
National Poisons Information Centre	0800 764 766
Police & Fire Brigade	111

The foregoing technical information and recommendations were compiled by SIRIM Berhad from actual test data (where feasible), literature search, component information from suppliers and from recognised codes of good practice. They relate to the specific material designated and may not be valid for such material used in combination with other materials or in any process. Conditions of use of the material are under control of the user; therefore it is the user's responsibility to satisfy oneself as to the suitability and completeness of such information for his/her own particular use.