

Ref. MA10000283/

Rev. no. 1.3

Prepared Date. 31.10.2011

Review Date. 16.12.2015

Material Safety Data Sheet

StoLevell Uni

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: StoLevell Uni

Recommended use: Dry Mortar for Coating

Company details: Stoanz Ltd

Address: 72 Abel Smith Street, Wellington, New Zealand

Telephone number: +64 4 801 7794

Emergency telephone no: Nation Poisons Centre, 0800 POISON, 0800 764 766

2. HAZARDS IDENTIFICATION

Hazard classification: Non Hazardous according to NZ HSNO Regulations.
Not regulated under NZS5433 for land transportation.

Hazard statement code: H315: Causes skin irritation
H318: Causes serious eye damage
H335: May cause respiratory irritation

Prevention statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response statements: P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352+361: IF ON SKIN: Wash with plenty of water. Take off immediately all contaminated clothing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Storage: P401: Store in original container

Disposal: P501: Dispose of contents/container to authorised chemical landfill or if organic to high temperature incineration

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Cementitious and calcareous factory-made mortar.

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Component	CAS Number	Content
Portland Cement	65997-15-1 266-043-4	≥10 - <20
Calcium Hydroxide	1305-62-0 215-137-301-21119475151-45-XXXX	<5
Quartz (particle of sand <12 µm less than 1%)	14808-6067 238-878-4	≥25 - <50

4. FIRST AID MEASURES

Description of necessary first aid measures:

In the case of accident or if you unwell, seek medical advice immediately (show the label where possible).

Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

Workplace facilities required instructions:

Inhalation

Move to fresh air.

If symptoms persist, call a physician.

Skin Contact

Take off all contaminated clothing and shoes immediately.

Wash off immediately with soap and plenty of water.

If skin irritation persists, call a physician.

Eye Contact

Remove contact lens.

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Consult a physician.

Ingestion

Rinse Mouth.

In conscious, drink plenty of water.

DO NOT induce vomiting.

Obtain medical attention.

Notes for medical personal: Treat symptomatically

5. FIRE FIGHTING MEASURES

Type of hazard:

Exposure to decomposition products may be a health hazard.

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke.

Fire hazard properties extinguishing media & methods:

Not Combustible.

Not Applicable.

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Protective clothing: Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Procedures to be covered: Environmental Precautions
 The product should not be allowed to enter drains, water courses or the soil.
 If the product contaminates rivers, lakes or drains inform respective authorities.

Methods for Cleaning Up
 Use mechanical handling equipment.
 Moisten and remove.
 Avoid raising dust-vacuum-clean instead of sweeping in rooms.
 Dispose contaminated material as waste according to section 13. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling Practices: Advice on safe handling
 Avoid dust formation.
 With sack goods and the use of open mixing containers, fill water first, then carefully allow the dry mortar to run in. Keep fall height low. Start-up mixer slowly.
 DO NOT press empty sacks or compact in e.g. Larder sack.
 Large loads of over 25kg should be moved not by hand but with the aid of mechanical equipment only. Depending on the employee's age, gender and constitution and the frequency with which loads are lifted and carried, they may also induce a high level of strain at lower weights.
 Provide sufficient air exchange and/or exhaust in work rooms.
 DO NOT re-use empty containers.

Wash hands before breaks and at the end of workday.
 When using do not eat, drink or smoke.
 Avoid contact with the skin and the eyes.

Storage: Requirements for storage areas and containers
 Store in original containers.
 Keep in a dry place.

Further information on storage conditions
 Protect from humidity and water.
 Manufacturer's notes on storage conditions and product life must be observed.

Advice on Common Storage
 No materials to be especially mentioned.

Specific Use(s)
 For further information, also see the Technical Data Sheet.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace exposure guidelines: Note: Contains no substances with community workplace limits. Observe country-specific regulations

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Exposure limit(s):

Component		CAS-No.
Basis	Type	Control Parameters
Quartz (particle of sand <12 µm less than 1%)		14808-60-7
Additional advice	Longer and/or strong inhalation of alveolae penetrating fine quartz dust can lead to pneumoconiosis, also known as silicosis. The effect of quartz dust (including cristobalite, tridymite) occurs over a long period of time and is significantly dependent on the dust exposure dose, which in turn is dependent on the average dust concentration (respirable fraction) the individual is exposed to over a long period of time.	
Calcium Hydroxide		1305-62-0
91-322-EEC	Limit Value – eight hours	5 mg/m ³
Additional advice	Existing scientific data on health effects appear to be particularly limited. Indicative.	

Personal protective equipment (PPE):

Washing occasion / water for cleaning of eyes and skin should be present.
Maintain air concentrations below occupational exposure standards.

Specification for equipment: Respiratory Protection

Avoid inhalation of particles.
The use of a dust mask FFP2 is necessary when the Exposure Limit Values is exceeded.

Hand Protection

Nitrile coated cotton gloves
Break through time: 480 min Minimum
Minimum Thickness: 0.8 mm

After washing hands replace lost skin oils with oil containing skin creams. Take note of the information given by the producer concerning permeability and break through times, and of special work place conditions (mechanical strain, duration of contact).

The choice of an appropriate glove does not only depend on its materials but also on other quality features and is different from one producer to the other.

Observe manufacturer's recommendations.

Eye/Face Protection

Wear tightly fitting safety goggles.

Body Protection

Long sleeved clothing

General hygiene:

Wash hands before breaks and at the end of the workday.

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Remove and wash contaminated clothing and gloves, including the inside, before re-use.
 Avoid contact with the skin and the eyes.
 Keep away from food, drink and animal feeding stuffs.
 When using, DO NOT eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Colour:	Light Cream
Odour:	None
pH:	Ca. 11.0-13.5 at 20°C (as aqueous solution)
Melting Point/Range:	Not applicable
Boiling Point & Boiling Range:	Not applicable
Flash point:	Not applicable
Auto-Flammability:	Not auto-flammable
Density:	ca. 1.150-1.500 kg/cm ³ at 20°C
Water Solubility:	Slightly Soluble

10. STABILITY AND REACTIVITY

Thermal decomposition:	No decomposition if stored and applied as directed.
Hazardous reactions:	Fire will produce dense black smoke containing hazardous combustion products.
Hazard decomposition:	No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Data and interpretation:	<u>Acute Oral Toxicity</u> No data available <u>Acute Inhalation Toxicity</u> No data available <u>Acute Dermal Toxicity</u> No data available <u>Skin Irritation</u> Irritation to respiratory system and skin <u>Eye Irritation</u> Severe eye irritation Risk of serious damage to eyes <u>Sensitisation</u> No sensitizing effects known.
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Other Information

The product is not tested as such. The preparation is classified according to the conventional method (analysis method EU Guideline 1999/45/EG) and according to toxicological risks.

12. ECOLOGICAL INFORMATION

Eco-toxicological effects: Do no empty into drains.
Eco-toxic effects, in particular aquatic toxicity are only possible with the release of larger quantities in connection with water by pH value movement.

Toxicity: Toxicity to Fish – Calcium Hydroxide

LC 50
Species: Fish
Dose: 50.6 mg/l
Exposure time: 96 h

Toxicity to Algae – Calcium Hydroxide

EC 50
Species: Algae
Dose: 184.6 mg/l
Exposure time: 72 h

NOEC

Species: Algae
Dose: 48.0 mg/l
Exposure time: 72 h

Toxicity to Daphnia – Calcium Hydroxide

EC 50
Species: Daphnia
Dose: 49.1 mg/l
Exposure time: 48 h

Persistence & Degradability Biodegradability – Calcium Hydroxide

Not Applicable

Bio accumulative Potential Bioaccumulation

Not Applicable

Mobility in Soil Product: Mobility

Not Applicable

Results of PBT & vPvB Assessment Product: Assessment

This mixture contains no substance considered to be persistent, bio accumulating nor toxic (PBT),. This mixture contains no substance considered to be very persistent nor very bio accumulating (vPvB).

13. DISPOSAL CONSIDERATIONS

Product: The user is responsible for proper coding and marking of any waste.

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Dispose of as special waste in compliance with local and national regulations.

Opened and leftover materials can be used later. Only materials no longer suitable for use should be mixed with water and allowed to harden. Hardened material can be disposed of as normal trade or site waste. Unhardened leftover product should be disposed of under the recommended waste code.

Un-cleaned packaging: Empty packaging should be recycled through disposal systems.

Code of waste (EWC): 17.01.01: concrete
10.13.14: waste concrete and concrete sludge

14. TRANSPORT INFORMATION

Overland transport: Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Shipment by sea: (IMDG/GGVSee) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Air transport: (ICAO/IATA) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Remarks:

15. REGULATORY INFORMATION

HSNO approval number: Non Hazardous according to NZ HSNO Regulations

HSNO controls: Non Hazardous according to NZ HSNO Regulations

Occupational restrictions: Non Hazardous according to NZ HSNO Regulations

16. OTHER INFORMATION

Miscellaneous information: It is possible in the interim period that you will find different markings on packaging compared with the Material Safety Data Sheet until stocks have been depleted. We ask for your understanding in this matter.

Changes from the previous version are indicated with markings on the left ed. The details in this Safety Data Sheet are equivalent to our current knowledge and comply with the national as well as the EC legislation. The working conditions of the user however escape our knowledge and control. The user is responsible for the observance of all necessary legal regulations. The details in this Safety Data Sheet describe the safety requirements of our product and are no guarantee for the product characteristics.

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