

Ref. 130000001890/

# Material Safety Data Sheet

Rev. no. 1.6

## StoLevell Novo

Prepared Date. 03.12.2014

Review Date. 16.12.2015

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

**Product name:** StoLevell Novo

**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  
H319: Causes serious eye irritation  
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	≥20 - <30
Calcium Hydroxide	1305-62-0 215-137-301-21119475151-45-XXXX	<5 - <10
Quartz (particle of sand <12 µm less than 1%)	14808-6067 238-878-4	≥30 - <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.  
Wash clothing before reuse  
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.  
If possible, use isotonic eye rinse solution (e.g. 0.9 NaCl).  
DO NOT rub affected area.  
Consult a physician.

Ingestion

Rinse Mouth.  
In conscious, drink plenty of water.  
DO NOT induce vomiting.  
Obtain medical attention.

**Notes for medical personal:**

Symptoms

Skin contact may provoke the following symptoms: May cause skin irritation and/or dermatitis.  
Risk of serious damage to eyes.  
Inhalation may provoke the following symptoms: Cough. Irritation to respiratory system.  
Treat symptomatically. No information available.

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### 5. FIRE FIGHTING MEASURES

**Type of hazard:** The product is neither explosive nor combustible and is also not oxidising in relation to other materials.  
When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke.

**Fire hazard properties extinguishing media & methods:** The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
No special measures required.

**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 whirling up dust-vacuum-clean rooms instead of sweeping. DO NOT use compressed air for cleaning purposes.  
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. Use respiratory protective device against the effects of dust.  
When handling sacked goods and using of open mixing containers, first pour in water, 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. Larger 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.  
Remove and wash contaminated clothing before re-use.

**Storage:** Requirements for storage areas and containers  
Store in original containers.

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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

#### 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 <sup>3</sup>
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.

Mixing and transferring dry mortars in open systems: Compliance with the maximum permissible levels at the workplace is to be ensured by effective dust control measures, e.g. local extraction devices. Where this is not possible, particle-filtering half masks of type FFP2 (tested in accordance with EN149) are to be used.

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Manual working of ready-to-use mortar: No respiratory protection necessary.

Machining of mortar: No respiratory protection necessary.

### Hand Protection

Nitrile coated cotton gloves

Break through time: 480 min Minimum

Minimum Thickness: 0.8 mm

e.g. KCL 102 Sahara® Top (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Gloves to afford protection from chemicals (cat. III) are not required.

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.

### 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.

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

<b>Physical State:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	No data available
<b>pH:</b>	> 11.5 at 20°C (aqueous suspension)
<b>Melting Point/Freezing Point:</b>	Not applicable
<b>Initial Boiling Point &amp; Boiling Range:</b>	Not applicable
<b>Flash point:</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas):</b>	The product is not flammable
<b>Lower Explosion Limit:</b>	Not applicable
<b>Upper Explosion Limit:</b>	Not applicable
<b>Vapour Pressure:</b>	No data available
<b>Vapour Density:</b>	Not applicable

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**Density:** Not applicable

**Solubility(ies)(Water):** Slightly soluble

**Partition coefficient: n-octanol/water** Not determined

**Auto-ignition Temperature:** Not auto-flammable

**Ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity: (dynamic)** Not applicable

**Explosive Properties:** Not explosive

**Oxidizing Properties:** Not applicable

**Flow Time:** No data available

**Bulk Density:** Ca. 0.70-1.00 kg/m<sup>3</sup> at 20° C

### 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:**

- Acute Oral Toxicity  
Based on available data, the classification criteria are not met.
- Acute Inhalation Toxicity  
Based on available data, the classification criteria are not met.
- Acute Dermal Toxicity  
Based on available data, the classification criteria are not met.
- Skin Irritation  
Causes skin irritation.
- Eye Irritation  
Causes serious eye damage.
- Respiratory or Skin Sensitisation  
Based on available data, the classification criteria are not met.
- Germ Cell Mutagenicity – Genotoxicity in vitro  
Based on available data, the classification criteria are not met.
- Germ Cell Mutagenicity – Carcinogenicity  
Based on available data, the classification criteria are not met.
- Reproductive Toxicity – Effects on Fertility

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

Reproductive Toxicity – Developmental Toxicity

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

STOT – Single Exposure

May cause respiratory irritation.

STOT – Repeated Exposure

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

Aspiration Hazard

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

Human Experience

Cement may exacerbate existing illnesses of the skin, eyes and respiratory passages, e.g. in case of pulmonary emphysema or asthma.

Other Information

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008.

**Components:**

Portland Cement

Skin Corrosion/Irritation: Causes skin irritation

Serious Eye Damage/Eye Irritation: Causes serious eye damage.

STOT – Single Exposure: Exposure routes: Inhalation - May cause respiratory irritation.

Calcium Hydroxide

Skin Corrosion/Irritation: Species: Rabbit - Causes skin irritation

Serious Eye Damage/Eye Irritation: Species: Rabbit - Causes serious eye damage.

STOT – Single Exposure: Exposure routes: Inhalation - May cause respiratory irritation.

## 12. ECOLOGICAL INFORMATION

**Eco-toxicological effects:** Do no empty into drains.  
Eco-toxic effects, in particular aquatic toxicity, are only possible when larger quantities are released into water resulting in a change of the pH value.

**Toxicity:** Product: Toxicity to Fish  
No data available

**Persistence & Degradability** Product: Biodegradability  
No data available

**Bio accumulative Potential** Product: Bioaccumulation  
No data available

**Mobility in Soil** Product: Mobility  
Not Applicable

**Results of PBT & vPvB Assessment** Product: Assessment  
This substance/mixture contains no components considered to be either persistent, bio accumulating nor toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

## 13. DISPOSAL CONSIDERATIONS

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**Product:** The user is responsible for proper coding and marking of any waste.  
 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):** 17.09.03\*: other construction and demolition waste (including mixed waste) containing hazardous substances.  
 : (\*) hazardous waste in terms of the European directive 91/689/EEC

### 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.

**References:**





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