



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Ref. 130000001890/D

Rev. no. 1.10

Revision Date 08.05.2019

Print Date 19.05.2024

StoLevell Novo

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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

SECTION 2: HAZARDS IDENTIFICATION

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Serious eye damage, Category 1 H318: Causes serious eye damage.

Skin irritation, Category 2 H315: Causes skin irritation.

Specific target organ toxicity -
single exposure, Category 3,
Respiratory system H335: May cause respiratory irritation.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

Hazard pictograms



Signal word

Danger

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary statements

P102 Keep out of reach of children.
Prevention:
P261 Avoid breathing dust.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 Get immediate medical advice/ attention.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Hazardous components which must be listed on the label

portland cement

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Mortar/render has an alkaline reaction with water. Therefore protect your skin and eyes. Wash thoroughly with water in case of skin contact. Immediately consult a doctor in case of contact with eyes! Risk of infection of the lung after prolonged inhalation of dust particles.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature

Cementitious and calcareous factory-made mortar.

Components

| Chemical name | CAS-No. EC-No. Registration number | Classification (REGULATION (EC) No 1272/2008) | Concentration (% w/w) |
|-----------------|--|---|--------------------------|
| portland cement | 65997-15-1 266-043-4 | Eye Dam.1; H318 STOT SE3; H335 Skin Irrit.2; H315 | ≥ 20 - < 30 |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

| | | | |
|---|---|--|-------------|
| calcium hydroxide | 1305-62-0 215-137-3 01-2119475151-45-XXXX | Eye Dam.1; H318 STOT SE3; H335 Skin Irrit.2; H315 | ≥ 3 - < 10 |
| Substances with a workplace exposure limit : | | | |
| Quartz (particle of sand < 12 µm less than 1 %) | 14808-60-7 238-878-4 | WEL substance, Not a dangerous substance according to GHS. | ≥ 30 - < 50 |
| kaolin | 1332-58-7 310-127-6 | WEL substance, Not a dangerous substance according to GHS. | ≥ 1 - < 10 |

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|----------------|---|
| General advice | When symptoms persist or in all cases of doubt seek medical advice. |
| Inhalation | Move to fresh air. If symptoms persist, call a physician. |
| Skin contact | Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. If symptoms persist, call a physician. Wash clothing before reuse. |
| Eye contact | In case of eye contact, remove contact lens and 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. Call a physician immediately. |
| Ingestion | Rinse mouth. If conscious, drink plenty of water. Do NOT induce vomiting. Obtain medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|-----------|---|
| Symptoms | No information available. |
| Treatment | Treat symptomatically. No information available. |

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

| | |
|--|--|
| Suitable extinguishing media | The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | Not applicable |
| 5.2 Special hazards arising from the substance or mixture | In set state, the product itself is classified as non-combustible in accordance with EN 13501-1. The product is neither explosive nor combustible and is also not oxidising in relation to other materials. |
| 5.3 Advice for firefighters | No special measures required. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | Avoid dust formation. Use respiratory protective device against the effects of dust. |
| 6.2 Environmental precautions | The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities. |
| 6.3 Methods and material for containment and 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 of contaminated material as waste according to item 13. Clean contaminated surface thoroughly. |
| 6.4 Reference to other sections | Refer to protective measures listed in sections 7 and 8. |

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

| | |
|-------------------------|---|
| Advice on safe handling | Avoid dust formation. When handling sacked goods and using 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 compress empty sacks, e.g. in a larger sack. Large loads of over 25 kg 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. Do not kneel in fresh product while working. Provide sufficient air exchange and/or exhaust in work rooms. Do not re-use empty containers. |
|-------------------------|---|

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

To avoid dust formation, closed systems (e.g. silo with feed system), local extractors or other technical control devices should be used, e.g. plastering machines or continuous mixers with special auxiliary equipment for collecting dust.

Washing facilities / water for rinsing eyes and skin should be available.
Maintain air concentrations below occupational exposure standards.

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------------|--|
| a) Eye/face protection | Safety glasses with side-shields conforming to EN166 |
| b) Skin protection Hand protection | <p>Nitrile coated cotton gloves Break through time: 480 min Minimum thickness: 0,8 mm Protective gloves complying with EN 388. 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.</p> <p>Soaked gloves should be changed. Keep replacement gloves available.</p> <p>After washing hands, replenish lost skin oil by means of oily skin ointment. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.</p> |
| Body Protection | Long sleeved clothing |
| c) Respiratory protection | <p>Avoid inhalation of particles. Mixing and transferring dry mortars in open systems:</p> <p>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 EN 149) are to be used.</p> <p>Manual working of ready-to-use mortar: No respiratory protection necessary.</p> <p>Machining of mortar: No respiratory protection necessary.</p> |

Environmental exposure controls

| | |
|----------------|--|
| General advice | <p>The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.</p> |
|----------------|--|

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

9.1 Information on basic physical and chemical properties

| | |
|--|---|
| Appearance | powder |
| Colour | white |
| Odour | odourless |
| Odour Threshold | No data available |
| pH | > 11,5 (20 °C) (aqueous suspension) |
| Melting point/freezing point | Not applicable |
| Initial boiling point and boiling range | not applicable |
| Flash point | not applicable |
| Evaporation rate | not applicable |
| Flammability (solid, gas) | The product is not flammable. |
| Upper explosion limit / Upper flammability limit | not applicable |
| Lower explosion limit / Lower flammability limit | not applicable |
| Vapour pressure | No data available |
| Vapour density | not applicable |
| Density | not applicable |
| Bulk density | ca. 0,70 - 1,00 kg/m ³ (20 °C) |
| Solubility(ies) | |
| Water solubility | slightly soluble |
| Partition coefficient: n-octanol/water | not determined |
| Auto-ignition temperature | not auto-flammable |
| Decomposition temperature | No data available |
| Viscosity | |
| Viscosity, dynamic | not applicable |
| Explosive properties | Not explosive |
| Oxidizing properties | Not applicable |

9.2 Other information

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

Flow time not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions This information is not available.

10.4 Conditions to avoid

Conditions to avoid Avoid exposure to water and moisture during storage (moisture leads to an alkaline reaction which causes the mixture to harden).

10.5 Incompatible materials

Materials to avoid Reacts exothermically with acids; the moist product is alkaline and reacts with acids, ammonium salts and base metals, e.g. aluminium, zinc, brass. The reaction with base metals produces hydrogen.

10.6 Hazardous decomposition products

Hazardous decomposition products No decomposition if stored and applied as directed.
Decomposition temperature No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product:

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 corrosion/irritation

Product:

Causes skin irritation.

Components:

portland cement:

Causes skin irritation.

calcium hydroxide:

Species

Rabbit

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

Causes skin irritation.

Serious eye damage/eye irritation

Product:

Causes serious eye damage.

Components:

portland cement:

Causes serious eye damage.

calcium hydroxide:

Species

Rabbit

Causes serious eye damage.

Respiratory or skin sensitisation

Product:

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

Germ cell mutagenicity

Product:

Genotoxicity in vitro

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

Carcinogenicity

Product:

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

Reproductive toxicity

Product:

Effects on fertility

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

Developmental Toxicity

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

STOT - single exposure

Product:

Assessment

May cause respiratory irritation.

Components:

portland cement:

Exposure routes

Inhalation

Assessment

May cause respiratory irritation.

calcium hydroxide:

Exposure routes

Inhalation

Assessment

May cause respiratory irritation.

STOT - repeated exposure

Product:

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

Aspiration toxicity

Product:

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

Experience with human exposure

Product:

General Information

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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

Further information

Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish No data available

12.2 Persistence and degradability

Product:

Biodegradability No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation No data available

12.4 Mobility in soil

Product:

Mobility Not applicable

12.5 Results of PBT and vPvB assessment

Product:

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information 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.
Do not flush into surface water or sanitary sewer system.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC). Opened and left-over materials can be used later. Only material no longer suitable for use should be mixed with water and allowed to harden. Hardened product residues may be disposed of as industrial waste or

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

building rubble under waste codes 17 01 01 or 10 13 14.
Unhardened product residues should be disposed of under
the recommended waste code number.

Contaminated packaging

Packaging that is not properly emptied must be disposed of as the
unused product.
Empty packaging should be recycled through disposal systems.

Waste key for the
unused product

17 09 03* other construction and demolition wastes (including mixed
wastes) containing hazardous substances

(*) hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks

This information is not available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC

Directive 2004/42/EC

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

does not fall under Directive 2004/42/EC

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals

Not applicable

Other regulations

Comply with the statutory regulations on health and safety at work.

Take note of Dir 94/33/EC on the protection of young people at work.
Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.
The cement in the product is chromate-reduced. Persons with a chromate allergy should not handle the product.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of H-Statements

H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H335 : May cause respiratory irritation.

Full text of other abbreviations

Eye Dam. : Serious eye damage
Skin Irrit. : Skin irritation
STOT SE : Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo

Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information

The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 1272/2008.

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing MSDS

Department TIQS Sto SE & Co. KGaA
Stühlingen, Germany e.volz@sto.com

Product code
REG_EU / EN

PROD0544

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

StoLevell Novo