

## Safety Data Sheet

### KERAFLEX MAXI S1 (N) GREY

Safety Data Sheet dated: 29/12/2020 - version 1

Date of first edition: 29/12/2020



## 1: Identification

### GHS Product Identifier

Mixture identification:

Trade name: KERAFLEX MAXI S1 (N) GREY

Trade code: 9012030

### Recommended use of the chemical and restrictions on use

Recommended use: Cement based powder adhesive

Uses advised against: Data not available

### Supplier's details



## 2: Hazard identification

### Classification of the substance or mixture

|               |                                      |
|---------------|--------------------------------------|
| Skin Irrit. 2 | Causes skin irritation.              |
| Eye Dam. 1    | Causes serious eye damage.           |
| Skin Sens. 1B | May cause an allergic skin reaction. |
| STOT SE 3     | May cause respiratory irritation.    |

Adverse physicochemical, human health and environmental effects:

No other hazards

### GHS label elements, including precautionary statements

#### Pictograms and Signal Words



Danger

#### Hazard statements:

|      |                                      |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |
| H335 | May cause respiratory irritation.    |

#### Precautionary statements:

|                |  |
|----------------|--|
| P261           | Avoid breathing dust.  |
| P264           | Wash hands thoroughly after handling.  |
| P271           | Use only outdoors or in a well-ventilated area.  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...                                 |
| P302+P352      | IF ON SKIN: Wash with plenty of water.   |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312           | Call a POISON CENTER if you feel unwell.   |
| P321           | Specific treatment (see supplementary instructions on this label)  |
| P333+P313      | If skin irritation or rash occurs: Get medical advice.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P501           | Dispose of contents/container in accordance with applicable regulations.   |

## Other hazards which do not result in a classification

No other hazards

Prolonged exposition and/or intensive inhalation of respirable free crystalline silica (average diameter less than 10 micron in accordance with ACGIH) can cause pulmonary fibrosis commonly referred to as silicosis.

This preparation contains cement. Contact between cement and body fluids (e.g. sweat and eye fluids) may cause irritation or burns.

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## 3: Composition/information on ingredients

### Substances

Not available

### Mixtures

#### Hazardous components within the meaning of GHS and related classification:

| Concentration (% w/w) | Name                            | Ident. Numb.                   | Classification  | Registration Number |
|-----------------------|---------------------------------|--------------------------------|---|---------------------|
| ≥25 - <50 %           | portland cement, Cr(VI) < 2 ppm | CAS:65997-15-1<br>EC:266-043-4 | Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Dam. 1, H318; STOT SE 3, H335 |                     |

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## 4: First-aid measures

### Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show him packing or label.

### Most important symptoms/effects, acute and delayed

Eye irritation

Eye damages

Skin Irritation

Erythema

### Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(see paragraph 4.1)

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## 5: Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media:

None in particular.

### Special hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: ==

Oxidizing properties: Not available

### Special protective actions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- Wear personal protection equipment.
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.
- Provide adequate ventilation.
- Use appropriate respiratory protection.

### Environmental precautions

- Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

### Methods and material for containment and cleaning up

- Take up mechanically and dispose of according to local/state/federal regulations
- Scoop into containers and seal for disposal.
- Retain contaminated washing water and dispose it.

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## 7: Handling and storage

### Precautions for safe handling

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Do not use on extensive surface areas in premises where there are occupants.
- Use localized ventilation system.
- Don't use empty container before they have been cleaned.
- Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
- Contaminated clothing should be changed before entering eating areas.
- Do not eat or drink while working.
- See also section 8 for recommended protective equipment.

### Conditions for safe storage, including any incompatibilities

- Always keep in a well ventilated place.
- Keep away from food, drink and feed.

### Incompatible materials:

- None in particular.

### Instructions as regards storage premises:

- Cool and adequately ventilated.

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## 8: Exposure controls/personal protection

### Control parameters

#### List of components with OEL value

| Component                       | OEL Type | Country              | Ceiling              | Long Term mg/m3 | Long Term ppm | Short Term mg/m3 | Short Term ppm | Behaviour Note  |
|---------------------------------|----------|----------------------|----------------------|-----------------|---------------|------------------|----------------|---|
| portland cement, Cr(VI) < 2 ppm | IDN      | INDONESIA            |                      | 10              |               |                  |                | 5 mg/m3 TWA (containing <1% of free Silica, respirable dust);10 mg/m3 TWA (containing <1% of free Silica, total dust) |
|                                 | ZAF      | SOUTH AFRICA         |                      | 10              |               |                  |                |   |
|                                 | ARE      | UNITED ARAB EMIRATES |                      | 10              |               |                  |                |   |
|                                 |          | PAN                  | PANAMA               |                 | 5.000         |                  | 30             |   |
|                                 |          | IDN                  | INDONESIA            |                 | 10            |                  |                | 10 mg/m3 PEL  |
|                                 |          | MEX                  | MEXICO               |                 | 1             |                  |                |   |
|                                 |          | IND                  | INDIA                |                 | 10            |                  |                |   |
|                                 |          | IDN                  | INDONESIA            |                 | 10            |                  |                |   |
|                                 |          | ZAF                  | SOUTH AFRICA         |                 | 5             |                  |                |   |
|                                 |          | COL                  | COLOMBIA             |                 | 1             |                  |                |   |
|                                 |          | PER                  | PERU                 |                 | 10            |                  |                |   |
|                                 |          | ARE                  | UNITED ARAB EMIRATES |                 | 10            |                  |                |   |
|                                 |          | PAN                  | PANAMA               |                 | 10            |                  | 10             |   |
|                                 |          | PAN                  | PANAMA               |                 | 5             |                  | 10             |   |

Appropriate engineering controls: Not available

### **Individual protection measures, such as personal protective equipment (PPE)**

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

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## **9: Physical and chemical properties**

Color: Grey

Appearance: powder

Odour: cement like

Odour threshold: Not available

pH: Not available

pH (water dispersion, 10%): 12.00

Melting point / freezing point: Not available

Initial boiling point and boiling range: Not available

Flash point: Not available

Evaporation rate: Not available

Solid/gas flammability: Not available

Upper/lower flammability or explosive limits: Not available

Vapour pressure: Not available

Vapour density: Not available

Relative density: Not available

Solubility in water: partly soluble

Solubility in oil: Insoluble

Partition coefficient (n-octanol/water): Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

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## **10: Stability and reactivity**

### **Reactivity**

Stable under normal conditions

### **Chemical stability**

Data not available.

### **Possibility of hazardous reactions**

None.

### **Conditions to avoid**

Stable under normal conditions.

### **Incompatible materials**

None in particular.

### **Hazardous decomposition products**

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## **11: Toxicological information**

### **Information on toxicological effects**

Toxicological information of the product: No data available

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## **12: Ecological information**

### **Ecotoxicity**

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

### **List of Eco-Toxicological properties of the product**

No data available

### **Persistence and degradability**

Not available

**Bioaccumulative potential**

Not available

**Mobility in soil**

Not available

**Other adverse effects**

No Components with environmental hazard properties found.

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**13: Disposal considerations**

**Disposal methods**

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

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**14: Transport information**

Not classified as dangerous in the meaning of transport regulations.

**UN number**

Not available

**UN proper shipping name**

Not available

**Transport hazard class(es)**

Not available

**Packing group, if applicable**

Road and Rail ( ADR-RID ) :

Not available

Air ( IATA ) :

Not available

Sea ( IMDG ) :

Not available

**Environmental hazards**

Marine pollutant: No

Environmental Pollutant: Not available

**Special precautions for user**

Not available

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not available

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**15: Regulatory information**

**Safety, health and environmental regulations specific for the product in question**

This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Fifth revised edition.

SCAQMD Rule 1113 : N.A.

SCAQMD Rule 1168: N.A.

## 16: Other information

| Code | Description                          |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |
| H335 | May cause respiratory irritation.    |

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

Insert here further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion coefficient.