

SAFETY DATA SHEET

BIKREPAR

In accordance with Regulation REACH 1907/2006/CE and 453/2010/CE.

1. Identification of the mixture and the company

1.1. Product identification

Nomenclature: BIKREPAR range

1.2. Relevant identified uses of the substance or mixture and uses advised against.

Relevant uses: Single-component mortars for repairs of concrete. Exclusively for professional use.

Uses advised against: Any use not specified under this heading.

1.3. Information about the supplier from the safety data sheet

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1.4. Emergency telephone:

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2. Identification of hazards

2.1. Classification of the mixture:

In accordance with Regulation (CE) no. 1272/2008:

Skin irritation, category 2; H315

Eye injury/irritation, category 1; H318

Skin sensitizer, category 1; H317

STOT SE respiratory tract irritation, category 3; H335

2.2. Label elements



Hazard

Hazard indications:

H315 Causes skin irritation

H317 May cause an allergic reaction on the skin

H318 Causes serious eye injury

H335 May irritate the respiratory tract

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of the reach of children

P261 Avoid breathing the dust.

P280 Wear protective gloves/clothing/goggles/mask.

P302+P352 In case of contact with the skin: wash the affected area with abundant soap and water.

P305+P351+P338 In case of contact with the eyes: carefully flush eyes with water for several minutes. Remove contact lenses if you are wearing them and they are easy to remove. Continue flushing.

P501 Dispose of the contents/container at the proper waste management point.

Compounds that contribute to the classification:

Portland Cement

Other information:

The mortar has a low chromate content "per se" or due to the lower content of water soluble Chrome VI.

2.3. Other hazards:

Products fails to meet PBT/vPvB criteria.

3. Composition/information about the components

Composition: Mixture of cements, sands and additives

Hazardous components:

| Component | Concentration % | Classification |
|--|-----------------|--|
| Cement, Portland, chemicals CAS: 65997-15-1; CE: 266-043-4 | 25 - 30 | Eye Dam. 1: H318 Skin Irrit. 2: H315 Skin Sens. 1: H317 STOT SE 3: H335 |
| Substances with a workplace exposure limit | | |
| Quartz (<0,1% respirable crystalline silica) CAS: 14808-60-7; CE: 238-878-4 | 40 - 70 | |

Refer to section 16 for more information about sentences H above.

4. First Aid

4.1. Description of the first aid:

In case of inhalation:

Remove the affected person from the place of exposure and move him to an open space keeping him at rest. Consult a doctor in case of significant exposure.

In case of contact with the skin:

Remove contaminated clothing and footwear immediately. Wash the skin with water and neutral soap and rinse. In case of major condition, go to the doctor.

In case of contact with the eyes:

Do not rub eyes. Flush eyes immediately with abundant water for at least 15 minutes while keeping the eyes open. Remove contact lenses if they can be easily removed. In all cases, after washing, go to the doctor as quickly as possible.

In case of ingestion:

Do not induce vomiting. Rinse mouth with abundant water. Keep the affected person at rest and consult the doctor.

4.2. Main symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3. Indication of any immediate medical attention and special treatment needed.

When contacting a doctor, carry this safety data sheet with you.

5. Firefighting measures

5.1. Fire extinguishing procedures:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Specific hazards derived from the compound or mixture:

Mortar is not flammable or explosive and it does not aid or feed the combustion of other materials.

5.3. Recommendations for personnel fighting the fire:

Depending on the magnitude of the fire, the use of full protective clothing and autonomous breathing equipment may be necessary.

6. Measures to be taken in case of accidental spill

6.1. Personal precautions, protective equipment and emergency procedures:

Wear the protective equipment described in section 8 and follow the handling instructions described in section 7.

6.2. Precautions to be taken regarding the environment:

Product not classified as hazardous to the environment. Prevent it from going down sewers, drains or surface waters.

6.3. Methods and materials for containment and clean up.

It is recommended to collect the product by mechanical means avoiding the formation of dust and deposit it in a container before preferably proceeding to its reuse, or to its disposal as described in section 13

6.4. References and other sections:

Refer to sections 8 and 13.

7. Handling and Storage

7.1. Precautions for safe handling:

General precautions:

Use in well ventilated areas. Avoid the formation of dust and accumulation of dust.

Advice on preventing fires and explosions.

The product is not flammable under normal conditions of storage, handling and use.

Indications to prevent ergonomic and toxicological risks:

Do not eat, drink or smoke in work areas. Wash hands and areas of the body that have been exposed before eating and leaving the workplace.

Remove contaminated protective clothing and equipment before entering eating areas.

7.2. Safe storage conditions, including possible incompatibilities:

The packed mortar should be stored in closed bags, under cover, in a cool, dry place, protected from exposure to air and moisture.

The silos that supply the mortar in bulk must be placed over a stable and sufficiently resistant base.

To prevent the risk of burial or suffocation, do not enter confined spaces such as silos, tanks or other containers used for storing or containing mortar without first implementing the appropriate safety measures. The mortar may accumulate or adhere to the walls of the confined spaces and may become loose, collapse or fall unexpectedly.

Avoid sources of heat, radiation, static electricity and contact with food

7.3. Specific end uses:

No further relevant data available.

8. Personal protection/exposure controls

8.1. Control parameters:

Components with occupational exposure limit values (INSHT 2021):

| Nomenclature: | Type: | Limit Value |
|---|--------|-----------------------|
| Cement, Portland, chemicals CAS: 65997-15-1 CE: 266-043-4 | VLA-ED | 4 mg/m ³ |
| Crystalline silica CAS: 14808-60-7 CE: 238-878-4 | VLA-ED | 0,1 mg/m ³ |

DNEL and PNEC control parameters:

Not available

8.2. Exposure control:

General personal protective measures:

During work, whenever possible, avoid kneeling on fresh product. If absolutely necessary, the use of impermeable knee pads shall be required.

Do not eat, drink or smoke while using the product to prevent the product from coming in contact with the skin or mouth.

Once the work with the product has been completed, wash hands and other exposed areas of the body.

Remove stained clothing (shoes, etc.) and wash prior to using them again.

Eye/face protection:



Panoramic glasses against splashes and / or projections.

Specific protection for the hands:



Protective waterproof gloves.

Body protection:



Workwear.

Non-slip work shoes.

Respiratory protection:



Particle mask.

Environmental exposure controls:

It is recommended to avoid spilling the product or its container into the environment.

9. Physical and chemical properties

9.1. Information about the basic physical and chemical properties:

Appearance: Solid powdery material

Colour: grey or white / diverse

Odour: undetermined

Odour threshold: not relevant *

Boiling point: not relevant *

Evaporation rate: not relevant *

Vapour pressure: not relevant *

Apparent density: not relevant *

Viscosity: not relevant *

PH ($T^{\circ} = 20^{\circ}\text{C}$, in an aqueous solution): 11-13

Vapour density: not relevant *

Partition coefficient (n-octanol/water): not relevant *

Solubility in water: not relevant *

Decomposition temperature: not relevant *

Melting point: not relevant *

Explosive or oxidising properties: not relevant *

Flash point: not relevant *

Flammability: not relevant *

Autoignition temperature: not relevant *

Flammability or explosive limits: not relevant *

** Not relevant due to the nature of the products. It does not provide information regarding the danger.*

10. Stability and Reactivity

10.1. Reactivity:

Hazardous reactions are not expected under normal conditions of use and storage.

10.2. Chemical stability:

The product is stable under the indicated conditions of storage, handling and use.

10.3. Possibility of hazardous reactions:

Hazardous reactions are not expected under the indicated conditions..

10.4. Conditions that must be avoided:

Exposure to humidity may cause the product to harden.

10.5. Incompatible materials:

The product is incompatible with acids. Avoid alkalis or strong bases.

10.6. Dangerous decomposition products:

None known.

11. Toxicological information

11.1. Information regarding toxicological effects:

The experimental information related to the toxicological properties of the products is not available.

In case of repetitive or prolonged exposure or at concentrations higher than those established by the occupational exposure limits, adverse health effects may occur depending on the route of exposure.

Ingestion (acute effect)

Acute toxicity: Based on available information, the classification criteria are not met. Taking a large dose can cause throat irritation, abdominal pain, nausea and vomiting

Inhalation (acute effect)

Acute toxicity: Based on available information, the classification criteria are not met. Causes respiratory tract irritation.

Contact with skin and eyes (acute effect):

Produces skin irritation. Causes serious eye damage.

CMR effects (carcinogenicity, mutagenicity, toxicity to reproduction)

In accordance with the available data, does not meet the classification criteria.

Sensitizing effects:

Respiratory: Based on available information, the classification criteria are not met.

Skin: Prolonged contact with the skin may cause allergic contact dermatitis.

Specific target organ toxicity (STOT) - single exposure.

Mortar may cause irritation of the throat and the respiratory tract

Specific target organ toxicity (STOT) - repeat exposures.

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

Aspiration hazard:

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

11.2. Other information:

In contact with wet skin, without adequate protection, it can cause irritation, cracking or fissuring of the skin.

12. Ecological information

12.1. Toxicity:

Not determined

12.2. Persistence and degradability:

Not available

12.3. bio-accumulative potential:

Not determined

12.4. Mobility on the floor:

Not determined

12.5. Results of the PBT and vPvB assessment:

Not applicable

12.6. Other adverse effects:

Pouring of the product in water may result in an increase in PH.

13. Considerations regarding the disposal

13.1. Methods for handling waste:

Its discharge into water courses or into the sewers is not recommended.

Code 16 03 03 * → Inorganic wastes containing dangerous substances.

Containers and packages:

Containers and packaging that have been in contact with the product must be disposed of in the same way as the product.

14. Transport information

These products are not regulated for transport (ADR / RID, IMDG, IATA).

15. Regulatory information

15.1. Specific safety, health and environmental regulation and legislation for the substance or mixture.

Substances subject to authorization in Regulation (EC) 1907/2006 (Annex XIV REACH): Not relevant.

Regulation CE 1005/2009 on substances that deplete the ozone layer: Not relevant.

Restrictions on the marketing and use of certain dangerous substances and mixtures (REACH Annex XVII):
The product contains Cr (VI) below the applicable limits.

15.2. Chemical safety assessment.

Chemical safety assessment has not been carried out

16. Other information:

16.1. Control of changes:

All the sections of this sheet have been reviewed in accordance with Regulation UE 453/2010. This sheet cancels and replaces all prior editions.

16.2. Complete text of the phrases included in section 2:

H315 Causes skin irritation

H317 May cause an allergic reaction on the skin

H318 Causes serious eye injury

H335 May irritate the respiratory tract

16.3. Abbreviations and acronyms:

ADR/RID: European agreement regarding the international transport of hazardous goods by road / Regulation regarding the international transport of hazardous goods by railway.

IMDG: International maritime dangerous goods code

IATA: International Air Transportation Association

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

EINECS: European Inventory of Existing Commercial Chemical Substances

DNEL: Derived no-effect level

PNEC: Predicted No-Effect Concentration

vPvB: Very persistent and very bio-accumulative.

PBT: Persistent, bio-accumulative and toxic

STOT: Specific target organ toxicity UVCB Substance of unknown or variable composition, products with a complex reaction or biological materials.

VLA-ED: Environmental Limit Value - Daily Professional Exposure

16.4. References:

<http://eur-lex.europa.eu>

<http://esis.jrc.ec.europa.eu/>

16.5. Explanatory note:

The information supplied in this sheet is based on the state of our knowledge at the time the document was published. This document is not a guarantee of the properties of the product. The user is responsible for taking the proper protection measures and of complying with the legal requirements applicable to their activity.

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