

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
Casco® Floor Expert RR



Revision Date 24.02.2017

Version 1.0

Print Date 14.08.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Casco® Floor Expert RR

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

Product use : Cement / Mortar, Floor levelling compound

1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Danmark A/S
Hirsemarken 5
3520 Farum
Telephone : +45 48 18 85 85
E-mail address of person : EHS@dk.sika.com
responsible for the SDS

1.4 Emergency telephone number

Gifflinjen (Bispebjerg Hospital) telefon 82 12 12 12

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product : Mixture

Classification (REGULATION (EC) No 1272/2008)

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

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Prevention:

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously



with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Hazardous components which must be listed on the label:

- 266-043-4 Cement, portland, chemicals

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

| Chemical name CAS-No. EC-No. Registration number | Classification (REGULATION (EC) No 1272/2008) | Concentration [%] |
|---|---|----------------------|
| Cement, portland, chemicals 65997-15-1 266-043-4 | Skin Irrit.2; H315 Eye Dam.1; H318 STOT SE3; H335 | >= 3 - < 5 |
| Substances with a workplace exposure limit : | | |
| Quartz (SiO ₂) 14808-60-7 238-878-4 | | >= 25 - < 50 |

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



- Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Keep eye wide open while rinsing.
- If swallowed : Do not induce vomiting without medical advice.
Rinse mouth with water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Excessive lachrymation
See Section 11 for more detailed information on health effects and symptoms.
- Risks : No known significant effects or hazards.
Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

- Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.
Avoid breathing dust.
Deny access to unprotected persons.

6.2 Environmental precautions



Environmental precautions : Try to prevent the material from entering drains or water courses.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Other data : Keep in a dry place. No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

| Components | CAS-No. | Value | Control parameters * | Basis * |
|----------------------------|------------|-------|-----------------------|---------|
| Quartz (SiO ₂) | 14808-60-7 | GV | 0,3 mg/m ³ | DK OEL |



8.2 Exposure controls

Personal protective equipment

- Eye protection : Safety glasses with side-shields
Eye wash bottle with pure water
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
- Recommended: Butyl rubber/nitrile rubber gloves.
Contaminated gloves should be removed.
- Skin and body protection : Dust impervious protective suit
Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
particulate filter P
P1: Inert material; P2, P3: hazardous substances
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Environmental exposure controls

- General advice : Try to prevent the material from entering drains or water courses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : powder
Colour : grey

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| | | |
|--|---|--------------------------------------|
| Odour | : | characteristic |
| Odour Threshold | : | No data available |
| Flash point | : | Not applicable |
| Autoignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Lower explosion limit (Vol-%) | : | No data available |
| Upper explosion limit (Vol-%) | : | No data available |
| Flammability | : | No data available |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |
| pH | : | 11 - 11,5 |
| Melting point/range / Freezing point | : | No data available |
| | : | Not applicable |
| Vapour pressure | : | No data available |
| Density | : | ca.1,4 g/cm ³ at 20 °C |
| Water solubility | : | No data available |
| Partition coefficient: n-octanol/water | : | No data available |
| Viscosity, dynamic | : | No data available |
| Viscosity, kinematic | : | Not applicable |
| Relative vapour density | : | No data available |
| Evaporation rate | : | No data available |

9.2 Other information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

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10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.



SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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 : There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Disposal of this product, solutions 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.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European Waste Catalogue : 16 03 03* inorganic wastes containing dangerous substances

Contaminated packaging : 15 01 10* packaging containing residues of or contaminated



by dangerous substances

SECTION 14: Transport information

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (= > 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH Information: All substances contained in our Products are
- preregistered or registered by our upstream suppliers, and/or
- preregistered or registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

VOC-CH (VOCV) : no VOC duties

MAL-Code-Number : 00-4 (1993)

Product registration number : 2550880

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| | |
|-------------------|---|
| Waste Group | : X |
| Other regulations | : When evaluating a workplace, measures must be taken to ensure that employees are not exposed to conditions that may pose a risk during pregnancy or breastfeeding (cf. The Danish Working Environment Authority's Executive Order on The Performance of Work) Young people under the age of 18 are not allowed to use or be exposed to the product professionally. Young people above the age of 15 are, however, except from this rule if the product is a necessary part of their education. |
| Reference | : Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre. Bekendtgørelse nr. 21 af 16. januar 1996 af lov om kemiske stoffer og produkter. Arbejdstilsynets bekendtgørelse nr. 1793 af 18/12/2015 om arbejde med stoffer og materialer (kemiske agenser). Bekendtgørelse nr. 1794 af 18/12/2015 om særlige pligter for fremstillere, leverandører og importører mv. af stoffer og materialer efter lov om arbejdsmiljø. Arbejdstilsynets bekendtgørelse nr. 239 af 6. april 2005 om unges arbejde. Miljøstyrelsens bekendtgørelse nr. 1369 af 25/11/2015 om begrænsning af VOC. AT-Vejledning C.0.1 August 2007: Grænseværdier for stoffer og materialer. EU forordningen 1907/2006 (REACH). EU forordningen 1272/2008 (CLP). Bekendtgørelse nr. 48 af 13/01/2010 om affald. EU forordning 453/2010 (Opdatering til CLP). |

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

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 |
| ADR | Accord européen relatif au transport international des marchandises |

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| | |
|--------|--|
| CAS | Dangereuses par Route |
| DNEL | Chemical Abstracts Service |
| EC50 | Derived no-effect level |
| GHS | Half maximal effective concentration |
| IATA | Globally Harmonized System |
| IMDG | International Air Transport Association |
| LD50 | International Maritime Code for Dangerous Goods |
| LC50 | Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals) |
| MARPOL | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period) |
| OEL | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978 |
| PBT | Occupational Exposure Limit |
| PNEC | Persistent, bioaccumulative and toxic |
| REACH | Predicted no effect concentration |
| SVHC | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| vPvB | Substances of Very High Concern |
| | Very persistent and very bioaccumulative |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

|| Changes as compared to previous version !