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

1.1 Product identifier
- Trade name: KEIM CONTACT-PLUS

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture
  Fibre-reinforced, highly filled renovation priming coat based on silicates for filling of cracks and equalizing.
- Uses advised against
  All other uses are not recommended.

1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  KEIMFARBEN GMBH
  Keimstraße 16 / 86420 Diedorf
  Tel. +49 (0)821 4802-0
  Fax +49 (0)821 4802-210
  www.keim.com / info@keimfarben.de
- Further information obtainable from:
  Product safety department
  Telefon: 49(0)821/4802-138
  E-Mail: sdb.info@keimfarben.de
- 1.4 Emergency telephone number:
  GBK GmbH Global Regulatory Compliance
  Emergency number: +49(0)6132/84463

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  The product is not classified according to the CLP regulation.

2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

2.3 Other hazards
- Alkaline product. Avoid contact with skin and eyes.
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
- Description: Purely mineral fillers, potassium water glass, pure acrylate emulsion
Safety data sheet  
according to 1907/2006/EC, Article 31

Trade name: KEIM CONTACT-PLUS

- Dangerous components: Void

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information:
  No special measures required.
  When seeing the doctor we suggest to present this safety data sheet.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact:
  Wash off immediately with water and soap and rinse well afterwards.
  If skin irritation continues, consult a doctor.
- After eye contact:
  Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing:
  Rinse mouth and throat well with water.
  Do not induce vomiting; call for medical help immediately.
- 4.2 Most important symptoms and effects, both acute and delayed
  No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:
  Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.
- 5.2 Special hazards arising from the substance or mixture
  No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment: Wear self-contained respiratory protective device.
- Additional information
  In case of fire do not breathe smoke, fumes and vapours.
  Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
  Respect the protection rules (see section 7 a. 8).
  Ensure adequate ventilation
  Avoid contact with skin and eyes.
- 6.2 Environmental precautions:
  Do not allow product to reach soil, sewage system or any water course.
  Follow local governmental rules and regulations.

(Contd. on page 3)
SECTION 7: Handling and storage

7.1 Precautions for safe handling
Keep receptacles tightly sealed.
Avoid contact with skin and eyes.
See item 8 for information about suitable protective equipment and technical precautions. Respect the protection rules.

Information about fire - and explosion protection:
The product is not flammable.
No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Keep in the original containers in a cool and dry place.
Store only in the original receptacle.

Information about storage in one common storage facility: Do not store together with acids.

Further information about storage conditions:
Keep container tightly sealed.
Store in a cool place.
Protect from frost.
Protect from heat and direct sunlight.

Storage class: 12

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

14808-60-7 Quartz (SiO2)
MAK (Germany) alveolengängige Fraktion

Additional information: The lists valid during the making were used as basis.
### 8.2 Exposure controls
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Avoid contact with the eyes and skin.
  - Wash hands before breaks and at the end of work.
  - Immediately remove all soiled and contaminated clothing
- **Respiratory protection:**
  - Use suitable respiratory protective device only when aerosol or mist is formed.
  - Filter: P
- **Protection of hands:** Protective gloves
- **Material of gloves**
  - suitable material e.g.:
  - Nitrile impregnated cotton-gloves
  - PVC or PE gloves
  - Recommended thickness of the material: ≥ 0.5 mm
  - Natural rubber, NR
  - Recommended thickness of the material: ≥ 0.6 mm
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
  - Value for the permeation: Level ≥ 6 (480 min)
  - The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
  - The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Tightly sealed goggles
- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment** See Section 12 and 6.2

*SECTION 9: Physical and chemical properties*

<table>
<thead>
<tr>
<th>9.1 Information on basic physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General information</strong></td>
</tr>
<tr>
<td><strong>Appearance:</strong></td>
</tr>
<tr>
<td>Form:</td>
</tr>
<tr>
<td>Colour:</td>
</tr>
<tr>
<td>Odour:</td>
</tr>
<tr>
<td>Odour threshold:</td>
</tr>
<tr>
<td><strong>pH-value at 20 °C:</strong></td>
</tr>
<tr>
<td><strong>Change in condition</strong></td>
</tr>
<tr>
<td>Melting point/freezing point:</td>
</tr>
</tbody>
</table>

(Contd. of page 3)
Trade name: KEIM CONTACT-PLUS

Initial boiling point and boiling range: Undetermined.
- Flash point: Not applicable.
- Flammability (solid, gas): Not applicable.
- Ignition temperature: Not determined.
- Decomposition temperature: Not determined.
- Auto-ignition temperature: Product is not selfigniting.
- Explosive properties: Product does not present an explosion hazard.
- Explosion limits:
  Lower: Not applicable.
  Upper: Not applicable.
- Oxidising properties: Not applicable
- Vapour pressure at 20 °C: ~23 hPa
- Density at 20 °C: 1.6-1.8 g/cm³
- Relative density: Not determined.
- Vapour density: Not applicable
- Evaporation rate: Not applicable
- Solubility in / Miscibility with water: miscible
- Partition coefficient: n-octanol/water: Not applicable
- Viscosity:
  Dynamic at 20 °C: 2900-3400 mPas
  Kinematic: Not determined.
- 9.2 Other information: * The values are for freshly produced material and may change with the time.

SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.
- 10.2 Chemical stability: Stable under normal conditions of storage and use.
- Thermal decomposition / conditions to be avoided:
  No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions: No dangerous reactions known.
- 10.4 Conditions to avoid: No further relevant information available.
- 10.5 Incompatible materials: Acids
- 10.6 Hazardous decomposition products:
  No hazardous decomposition products if stored and handled as prescribed.
SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
  - Acute toxicity Based on available data, the classification criteria are not met.
  - Primary irritant effect:
    - Skin corrosion/irritation Frequent persistent contact with the skin may cause skin irritation.
    - Serious eye damage/irritation In case of longer exposure, irritating effect is possible.
  - during inhalation: Irritant effect possible.
  - during swallowing: Irritant effect possible
  - Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
  - Other information (about experimental toxicology):
    Experimental analysis are not available.
    The product was not tested. The statements on toxicology have been derived from the properties of the individual components.
  - CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) not applicable
  - Germ cell mutagenicity Based on available data, the classification criteria are not met.
  - Carcinogenicity Based on available data, the classification criteria are not met.
  - Reproductive toxicity Based on available data, the classification criteria are not met.
  - STOT-single exposure Based on available data, the classification criteria are not met.
  - 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.

SECTION 12: Ecological information

- 12.1 Toxicity
  - Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Additional ecological information:
  - AOX-indication:
    Due to the substance of content which do not include organic jointed halogens, the product can not take influence on the AOX-load of the waste water.
  - According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 2006/11/EC:
    The product contains TiO2.
  - General notes:
    At present there are no ecotoxicological assessments.
    Do not allow product to reach ground water, water course or sewage system.
    Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- 12.5 Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.
SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation
    Must not be disposed with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

- European waste catalogue
  08 01 12 | waste paint and varnish other than those mentioned in 08 01 11

- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agents: Water, if necessary with cleansing agents.

SECTION 14: Transport information

- 14.1 UN-Number
  - ADR, IMDG, IATA Void

- 14.2 UN proper shipping name
  - ADR, IMDG, IATA Void

- 14.3 Transport hazard class(es)
  - ADR, IMDG, IATA
  - Class Void

- 14.4 Packing group
  - ADR, IMDG, IATA Void

- 14.5 Environmental hazards:
  - Marine pollutant: No

- 14.6 Special precautions for user Not applicable.

- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

- Transport/Additional information: No dangerous good in sense of these transport regulations.

- UN "Model Regulation": Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Directive 2012/18/EU
  - Named dangerous substances - ANNEX I None of the ingredients is listed.
Trade name: KEIM CONTACT-PLUS

- National regulations:
  - Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
  - Other regulations, limitations and prohibitive regulations
  - Substances of very high concern (SVHC) according to REACH, Article 57 not applicable
  - Product-Code/Giscode: BSW10
  - 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS: KEIMFARBEN Germany, Product safety department
- Abbreviations and acronyms:
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)
  - VOC: Volatile Organic Compounds (USA, EU)
  - PBT: Persistent, Bioaccumulative and Toxic
  - SVHC: Substances of Very High Concern
  - vPvB: very Persistent and very Bioaccumulative
  - AGW: Arbeitsplatzgrenzwert (Germany)
- * Data compared to the previous version altered.