Safety Data Sheet XSTONE Concrete

according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010
Article no.: 100165
Date of print: 14.12.2012

Revision date: 22.05.2012 EN
Date of issue: 18.04.2012 page:1 / 6

1. Identification of the substance/ preparation and of the company/ undertaking

1.1. **Product identifiers:**
Article no. (manufacturer / supplier):
Identification of the substance or preparation:
1.2. **Relevant identified uses of the substance or mixture and uses advised against**
1.3. **Details of the supplier of the safety data sheet**
Supplier (manufacturer/importer/downstream user/distributor):

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Dept. responsible for information:
Telephone: +49 2272 999 70 27
1.4. **Emergency telephone:**
Toxikologischer Auskunftsdienst, Universität Leipzig
Telephone: +49 (0) 341 9724666

2. Hazards identification

2.1. **Classification of the substance or mixture**
Classification according to Directive 67/548/EEC or 1999/45/EC
This preparation is not classified as dangerous according to 1999/45/EC.
2.2. **Label elements**
Labelling (67/548/EEC or 1999/45/EC)
Hazard Statements:
n.a.
Safety precautions:
n.a.
contains:
n.a.
Special provisions concerning the labelling of certain mixtures
n.a.
2.3. **Other hazards**

3. Composition/ Information on ingredients

3.2. **Mixtures**
chemical characterization (preparation)
Description: Copolymer-Dispersions-Zusatzmittel
Hazardous ingredients:
Classification according to Directive 67/548/EEC or 1999/45/EC
EC No:
CAS No.:
INDEX no.:
REACH No:
Identification of the hazard:
classification:
% by weight
Remark:
n.a.
Additional information
Full text of R-phrases: see section 16.

4. First-aid measures

4.1. **Description of first aid measures:**

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General information:
In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice.
After inhalation
Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration.
In case of skin contact:
Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
In case of eye contact:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.
After ingestion:
If swallowed, rinse mouth with water (only if the person is conscious). Consult physician immediately. Keep victim calm. Do not induce vomiting.
4.2. **Most important symptoms and effects, both acute and delayed:**
In all cases of doubt, or when symptoms persist, seek medical advice.
4.3. **Indication of any immediate medical attention and special treatment needed**
5. **Firefighting measures**
5.1. **Extinguishing media**
Suitable extinguishing media:
alcohol resistant foam, Carbon dioxide, Powder, spray mist, (water)
Extinguishing media which must not be used for safety reasons:
Strong water jet
5.2. **Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**
No special fire protection measures are necessary.
5.3. **Special protective equipment for firefighters:**
Provide a conveniently located respiratory protective device.
Additional information:
Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.
6. **Accidental release measures**
6.1. **Personal precautions, protective equipment and emergency procedures**
Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.
6.2. **Environmental measures**
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
6.3. **Methods and material for containment and cleaning up**
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.
6.4. **Reference to other sections**
Observe protective provisions (see chapter 7 and 8).
7. **Handling and storage**
7.1. **Precautions for safe handling**
Advices on safe handling
Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protective equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.
7.2. **Conditions for safe storage, including any incompatibilities**

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Requirements for storerooms and containers:
Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Store
carefully closed containers upright to prevent any leaks.
Hints on joint storage
Keep away from strongly acidic and alkaline materials as well as oxidizers.
Further information on storage conditions
Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Keep container tightly closed. Store
carefully closed containers upright to prevent any leaks.
Protect against: frost.
7.3. **Specific end use(s)**
Observe technical data sheet.Observe instructions for use.
8. Exposure controls / Personal protection
8.1. **Control parameters**
EC No:
CAS No.:
Description: type: Limit value
STEL (EC) TWA (EC)
unit
-
TWA (EC): Occupational exposure limit value
STEL (EC): Short term occupational exposure limit value
8.2. **Exposure controls**
Provide good ventilation.
Occupational exposure controls:
Respiratory protection:
With correct and proper use, and under normal conditions, breathing protection is not required.
Hand protection:
Hand protection: not required.
Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.
Eye protection:
Wear closely fitting protective glasses in case of splashes.
Body protection:
Wear suitable protective clothing.
Protective measures:
After contact clean skin thoroughly with water and soap oder use appropriate cleanser.
Environmental exposure controls
Do not allow to enter into surface water or drains. refer to chapter 7. No further action is necessary.
9. Physical and chemical properties
9.1. **information on basic physical and chemical properties**
Appearance:
Physical state: Powder
Colour milchig-trüb
Odour: arttypisch mild
Safety relevant basis data unit Method Remark:
Flash point: n.a.
Ignition temperature (AIT): n.a.
lower explosion limit: n.a.
Upper explosion limit: n.a.
Vapour pressure at 20 °C: 8,50 mbar
density at 20 °C: ca. 1,01 g/cm³
Water solubility (g/l): mixable with water
pH at 20 °C: 7 bis 9
Viscosity at °C 5 000 mPs
9.2. **Other information:**

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10. Stability and reactivity
10.1. **Reactivity**
keine, bei sachgemäßer Verwendung
10.2. **Chemical stability**
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to
chapter 7.
10.3. **Possibility of hazardous reactions**
Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.
10.4. **Conditions to avoid**
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to
chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.
10.5. **Incompatible materials**
Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.Clothes.Do not mix
with anderen Farben.
10.6. **Hazardous decomposition products**
not applicable

11. Toxicological information
No data on preparation itself available.
11.1. **Information on toxicological effects**
Acute toxicity
Toxicological data are not available.
Irritant and corrosive effects
Toxicological data are not available.
Sensitisation
Toxicological data are not available.
Specific target organ toxicity
Toxicological data are not available.
Aspiration hazard:
Toxicological data are not available.
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Toxicological data are not available.
Practical experience
Other observations:
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic
contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.
Overall Assessment on CMR properties:
The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.
There is no information available on the preparation itself . The preparation has been assessed following the conventional
method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

12. Ecological information
Overall evaluation:
There is no information available on the preparation itself .
Do not allow to enter into surface water or drains.
12.1. **Toxicity**
No information available.
Long Term Ecotoxicity
Toxicological data are not available.
12.2. **Persistence and degradability**
Toxicological data are not available.

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12.3. **Bioaccumulative potential**
Toxicological data are not available.
Bioconcentration factor (BCF):
Toxicological data are not available.
12.4. **Mobility in soil**
Toxicological data are not available.
12.5. **Results of PBT and vPvB assessment**
The components in this formulation do not meet the criteria for classification as PBT or vPvB.
12.6. **Other adverse effects**
The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC
and is not classified as dangerous for the environment.
13. Disposal considerations
13.1. **Waste treatment methods**
Appropriate disposal / Product
Recommendation:
Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste
disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.
Control report for waste code/ waste marking according to EAKV:
080120 aqueous suspensions containing paint or varnish other than
those mentioned in 080119
Contaminated packaging:
Recommendation:
Cleaned containers may be recycled. Vessels not properly emptied are special waste.
14. Transport information
This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).
No dangerous good in sense of these transport regulations.
14.1. **UN-No.:**
n.a.
14.2. **UN proper shipping name**
14.3. **Transport hazard class(es)**
n.a.
14.4. **Packing Group:**
n.a.
14.5. **Environmental hazards:**
Land transport (ADR/RID) n.a.
Marine pollutant: n.a.
14.6. **Special precautions for user**
Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in
case of an accident or leakage.
Advices on safe handling: see parts 6 - 8
Further remarks:
Land transport (ADR/RID)
Tunnel restriction code: -
Sea transport (IMDG)
EmS-No.: n.a.
14.7. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
not applicable

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15. Regulatory information
15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**
EU legislation
according to EU-regulation 2004/42/EC (appendix II)
EU limit value for this product (cat. (Cat. A/h)): 50 g/l (2007) / 30 g/l (2010).
This product contains max 1,000 g/l VOC.
National regulations
Informations on working limitations:
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
15.2. **Chemical Safety Assessment**
Chemical safety assessments for substances in this preparation were not carried out.

16. Other information
Wording of the r-phrases under paragraph 3:
n.a.
Further remarks:
The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and
EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in
chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules
and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be

regarded as guaranteed attributes of the product.

XSTONE