



# PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

## HÄRDAD

According to Regulation (EU) No. 1907 / 2006 (REACH) and the Regulation (EU) No. 453/2010

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier.

CEMENTFABRIKEN® HÄRDAD

1.2 Normal use:

Relevant applications: Emulsion for sealing and priming mineral bases cementec®.

Discouraged applications: All that purpose not specified under this heading or under the heading 7.3.

1.3 Details of the supplier of the safety data sheet.

Company: Cementfabriken Scandinavia AB

Address: Råsundavägen 133A

169 50 Solna, Sweden

Telephone: 0046 8 128 195 95

e-mail: info@cementfabriken.se

1.4 Emergency phone number.

Office hours 8:00-18:00: 0046 8 128 195 95

National Poison Control Centre: 112

### SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Is not classified as dangerous according to Directive 67/548/EEC-2009/2/EC and 1999/45/CE-2006/8/EC (Dr. 255/2003-OM.) PRE/164/2007)

2.2 Elements of the label

This product requires no pictograms, according to Directive 67/548/EEC-2009/2/EC (Dr. 363/1995-OM.) PRE/1244/2006 and 1999/45/CE-2006/8/EC (Dr. 255/2003-OM.) PRE/164/2007

R-phrases: No

S-phrases:

S2 Keep out of the reach of children

S25 Avoid contact with eyes

S29 Do not dispose of waste down the drain

S51 Use only in ventilated

Hazardous components: None

2.3. Other hazards

Not applicable

### SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTES

3.1 Substances.

Not applicable

3.2 Mixtures

This product is a mixture Chemical description:



## PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

Mixtures of pigments, fillers, resins and additives in a aqueous base.

### Hazardous components:

Substances involved in percentage higher than the exemption limit: no

For more information, see sections 8, 11 and 12.

Substances SVHC subject to authorisation, included in annex XIV of Regulation (EC) No 1907 / 2006 : No  
SVHC substances candidates to be included in annex XIV of Regulation (EC) No 1907 / 2006 : No

## SECTION 4. FIRST AID

4.1 Description of first aid and main symptoms / effects, acute and delayed.

In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Do not administer anything orally to persons who are unconscious.

4.2 Inhalation.

Usually does not produce symptoms. If there are symptoms, move to affect the air free.

4.3 Intake.

If it is ingested in large amounts, it can cause gastrointestinal upset. In case of accidental ingestion, contact a physician. Do not induce vomiting, due to the risk of aspiration. Keep the affected at rest.

4.4. In case of skin contact.

Not applicable. Remove contaminated clothing. Wash deeply affected areas with cold or warm water and neutral soap, or other product suitable for the cleaning of the skin. Do not use solvents.

4.5. In case of contact with eyes.

Contact with the eyes causes redness and pain. Remove contact lenses. Wash eyes with plenty of clean, fresh water, pulling up on the eyelids for irrigation. Request specialized medical assistance immediately.

4.6 Information for physicians.

There is no specific treatment.

## SECTION 5. FIREFIGHTING MEASURES

5.1. Adequate means.

Use means of extinction, extinguishing powder or CO<sub>2</sub>. In the event of fire more severe also resistant to alcohol and water spray foam. Do not use for extinction: woolly direct water.

5.2. Specific hazards arising from the substance or mixture.

As a result of combustion or thermal decomposition, may form hazardous products: carbon monoxide, carbon dioxide, formaldehyde. Exposure to combustion or decomposition products may be harmful to health.

5.3 Recommendations for fire-fighting personnel.

Special protective equipment: According to the magnitude of the fire, may require the use of clothing for protection against heat, autonomous respiratory equipment, gloves. Goggle or face masks and boots.

Other recommendations: Cool with water the reservoirs, cisterns or containers close to source of heat or fire, pass into drains, sewers or watercourses.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions.

Avoid direct contact with the product. Avoid breathing vapors.



## PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

### 6.2 Precautions for the protection of the environment.

Prevent disposal in sewers or watercourses. If he released any kind of water, notify the competent authorities.

### 6.3 Methods for cleaning.

Linking with an absorbent product (binders, arenas,...) and perform the collection through mechanical means. It can also be cleaned with water. Save the remains in a container.

### 6.4 Reference to other sections.

For the control of exposure and personal protection measures, see Chapter 8.

For the subsequent disposal of waste, follow the recommendations of Chapter 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Manipulation.

Comply with current legislation on occupational risk prevention.

General recommendations: Avoid all kind of spill or leak. Do not leave containers open.

Recommendations to prevent risks of fire and explosion: Not applicable

Recommendations to prevent toxicological risks: Do not eat, drink or smoke while handling. After handling, wash your hands with SOAP and water. For control of exposure and personal protection measures, see Chapter 8.

Recommendations for the prevention of pollution of the environment: Not considered a danger to the environment. Accidental release, follow the instructions under the heading 6.

### 7.2 Conditions of safe storage, including any incompatibilities.

Prohibit entry to unauthorized persons. Keep out of the reach of children. Keep away from sources of heat. If possible, avoid direct incidence of solar radiation. To prevent spillage, containers, once opened, must be closed carefully and placed in a vertical position. For more information, see Chapter 10.

Kind of store: According to the regulations.

Maximum stock time 6 months

Temperature range min 5 ° C, 40 ° C max.

Incompatible materials Keep away from oxidizing agents and strong acids or highly alkaline materials.

Type of container According to the regulations

Quantity limit (Seveso III) Directive 96/82/EC-2003/105/EC (RD 1254 / 1999-Dr 948/2005) Lower threshold 50 tons, upper threshold 200 tons.

### 7.3 Specific end-uses.

There are no specific recommendations for the use of this product other than those already referred.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

(VLA) exposure limit values. INSHT 2008: Not available

Biological limit values: not available

Level (DNEL) derived effect for workers: not available

Predicted no effect (PNEC) concentration: not available

### 8.2 Exposure controls

Occupational exposure controls: Directive 89/686/EEC ~ 96/58/EC (rd.1407/1992):



## PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

Provide adequate ventilation. To do this, a good local ventilation should be and it must be of good general extraction system. If these measures are not enough to keep the concentration of particles and vapors below exposure limits during work, a suitable respiratory equipment should be used.

### Protection of the respiratory system:

Avoid inhalation of vapors. -Mask:

Mask for gases and vapours (EN141). To obtain an adequate level of protection, you must then choose the filter class depending on the type and concentration of the contaminants present, in accordance with the specifications of the manufacturer of filters.



### Eye and face protection:

Install eye emergency sources near the area of use.

-Sunglasses: Safety glasses with side protection against splashing liquids (EN166).

-Facial shield: No.



### Protection of hands and skin:

Install emergency showers in the vicinity of the area of use. The use of sunscreens can help to protect the exposed areas of the skin. Sunscreens cannot be applied one time exposure has occurred. -Gloves: (EN374) chemical-resistant gloves. The time of penetration of selected gloves must be in accordance with the intended use period. There are various factors (e.g., temperature), they do that in practice the time from use of chemical resistant protective gloves is clearly inferior to the established in the EN374 standard. Due to the wide variety of circumstances and possibilities, should take into account the operating instructions of the manufacturers of gloves. Gloves should be replaced immediately if there are signs of degradation. -

Boots: No.

-Apron: No.

-Mono: advisable.



### Environmental exposure controls:

Avoid any discharge into the environment. Avoid emissions into the atmosphere.

Dumped to the ground: avoid contamination of the soil.

Discharges to water: do not allow product to pass to drains, sewers or to water courses.

Atmospheric emissions: emissions into the atmosphere can be produced due to volatility, during handling and use.

Avoid emissions into the atmosphere.

COV (industrial facilities): If the product is used in an industrial plant, should be checked if it is applicable Directive 1999/13/EC (RD.117/2003), on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain industrial activities: solvents: 9.4% weight, COV (supply): 9.4% Weight, COV: 5.3% C (expressed as carbon) Molecular weight (average): 139.2. Number C atoms (medium): 6.6.



## PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017



### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. General data.

##### Appearance.

Form.	Liquid.
Color.	Colorless
Smell.	Characteristic.

##### Information related to the safety, health and environment.

PH:	8 to 20 ° C
Boiling point.	Approx. 100 ° C at 760 mmHg
Freezing point.	Not available
Density. 1.	7±0.1 g/cm <sup>3</sup>
Viscosity (flow time) 22 sec. CF4 at 23 ° C	
Volatility, 17.3 vapor pressure mmHg at 20 ° C	
Solubility in water.	Not applicable
Flash point.	It does not come
Auto ignition temperature.	It does not come
Auto-inflamabilidad.	Not

#### 9.2. Additional information:

Non-volatile 35% weight

COV (supply) 5.6% weight. 56.65 g/l

Values do not always match the specifications of the product. The data corresponding to the product specification can be found in the technical data sheet of the same. For more data on safety and environment-related physicochemical properties, see paragraphs 7 and 12.

### SECTION 10. STABILITY AND REACTIVITY

#### 10.1 Stability.

The product is stable for its handling and storage under the conditions described in point 7.

#### 10.2 Conditions to be avoided:

Heat: Keep away from sources of heat.

Light: If possible, avoid direct incidence of solar radiation. Air, pressure and shock: not applicable.

#### 10.3. Incompatible materials.

Oxidizing agents, strong alkalis.

#### 10.4 Dangerous decomposition products.

As a result of thermal decomposition, may form hazardous products: formaldehyde.



## PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

### SECTION 11. TOXICOLOGICAL INFORMATION

Not having experimental toxicological data of the preparation as such. The toxicological classification of this preparation was carried out using the method of conventional calculation of Directive 1999/45/EC ~ 2006/8/EC (RD.255/2003 ~ OM.) PRE/164/2007).

11.1. Information on the toxicological effects.

Routes of exposure: Can be absorbed by steam inhalation, through the skin and by ingestion.

Exposure of short duration: May irritate eyes and skin.

Prolonged or repeated exposure: Repeated or prolonged contact may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Dose and lethal individual component concentrations: Not available.

### SECTION 12. ECOLOGICAL INFORMATION

Not have the preparation as such experimental ecotoxicological information. The toxicological classification of this preparation was carried out using the method of conventional calculation of Directive 1999/45/EC ~ 2006/8/EC (RD.255/2003 ~ OM.)PRE/164/2007).

12.1 Toxicity of individual components. Not available

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulation potential. Not available

12.4. Mobility in soil. Not available.

12.5 Results of PBT and VPVB assessment. Not available

12.6 Other adverse effects

Potential reduction of the ozone layer: Not available

Potential for photochemical ozone formation: Not available

Global warming potential: In case of fire or incineration CO<sub>2</sub> forms Potential for disturbance of the endocrine system: Not available

### SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Methods of waste treatment. Directive 2008/98/EC (law 22/2011).

Take all measures deemed necessary to prevent the most waste. Analyse possible methods of revaluation or recycling. Do not pour into drains or the environment. Disposed in an authorised waste point. Residues must be handled and disposed of in accordance with applicable local and national laws. For control of exposure and personal protection measures, see Chapter 8.

Removing empty containers. Directive 94/62/EC ~ 2005/20/EC, Decision 2000/532/EC (law 11/1997, amended by

RD.252/2006, RD.782/1998 and law 22/2008, order MAM/304/2002)

Empty containers and packaging should be disposed according to the local and national laws in force.

Neutralization or destruction procedure of the product.

Through controlled incineration in special plants of chemical waste, but according to local regulations.



## PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

### SECTION 14. TRANSPORT INFORMATION

#### 14.1. International transport regulations

This product is not regulated for transport (ADR/RID, IMDG, IATA).

### SECTION 15. REGULATORY INFORMATION

15.1 Regulation and EU legislation in security, health and environment specific.

VOC information on the label : Contains Max VOC 117 g/l - limit 2004/42/CE-IIA cat. (J) to the product ready for use is COV Max. 140 g/l (2010). Restrictions : Not applicable Other laws: not available.

### SECTION 16. OTHER INFORMATION

Text of notes and phrases corresponding to substances referenced in Chapter 2 or 3 : Not applicable.

Main bibliographical references and data sources : Industrial Solvents Handbook, Ibert Mellan (Noyes Data Co., 1970).

Legislation on safety data sheets: safety data sheet in accordance with article 31 Regulation (EC) No. 1907 / 2006 (REACH) and in annex I to Regulation (EU) No. 453/2010

The information contained in this safety data sheet is based on sources, technical knowledge and legislation European and State, cannot guarantee the accuracy of the same. This information cannot be considered as a guarantee of the properties of the product, it is simply a description in terms of security requirements. Methodology and working conditions of the users of this product are outside our knowledge and control, always remain the ultimate responsibility for the user taking the necessary measures to comply with the legislative requirements regarding handling, storage, use and disposal of chemicals. The information in this safety data sheet only refers to this product, which should not be used for purposes other than those specified.

END OF THE MATERIAL SAFETY DATA SHEET