



PRODUCT SAFETY DATA SHEET

Last date revision: 13/05/2015

EPOXY-PRIMER (A)

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® EPOXY-PRIMER (A)

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

Product use: Priming product, adhesion promoter product for self-levelling flooring (Check TDS). Exclusive professional use.

Uses advised against: Any use not specified in this section or in section 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:

Product definition: Mixture

Classification according to Directive 1999/45/EC [DPD]

This product is not classified as dangerous according to Directive 1999/45/CE and its amendments.

Classification: Not classified

See section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2. Label elements:

Hazard symbol or symbols:

Indication of danger:

Risk phrases Safety: This product is not classified according to EU legislation.

Phrases Hazardous: Not applicable.

Ingredients:

Supplemental label elements: Safety data sheet available for professional user on request.

Special packaging requirements

Containers to be fitted with child-resistant fastenings: Not applicable

Tactile warning of danger: Not applicable

2.3. Other hazards: Other hazards which do not result in classification: Not available.



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SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTES

Substance/mixture: Mixture

Product/ingredient name	Identifiers	%	67/548/EEC	Classification	
				Regulation (EC) No. 1272/2008 [CLP]	Type
Benzyltrimethylamine	CAS: 103-83-3 Index: 612-074-00-7	3-7	R10 Xn; R20/21/22 C; R34 R52/53	Flam. Liq 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[1]
2-ethylhexanoic acid	CAS: 149-57-5 Index: 607-230-00-6	3-7	Repr. Cat. 3; R63 See section 16 for the full text of the R-phrases declared above	Repr. 2, H361d See Section 16 for the full text of the H statements declared above	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006 Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006 Annex XIII Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AIR MEASURES

4.1. Description of first air measures:

Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin Contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Ingestion

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.



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Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training.

4.2. Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin contact: No known significant effects or critical hazards

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: No specific data.

Inhalation: No specific data

Skin contact: No specific data

Ingestion: No specific data

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

Notes to physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media:

None known

5.2. Special hazards arising from the substance or mixture Hazards from the substance or mixture:

In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products:

Decomposition products may include the following materials. Carbon dioxide, carbon monoxide, nitrogen oxides.

5.3. Advice for firefighters

Special precautions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures For non-emergency personnel:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

6.2. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, dust, vermiculite or diatomaceous dust and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

6.4. Reference to other sections:

See section 1 for emergency contact information.

See section 8 for information on appropriate personal protective equipment.

See section 13 for additional waste treatment information.

SECTION 7. HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s)

7.1. Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8)

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2. Conditions for safe storage, including any incompatibilities Store between the following temperatures: 2 to 40°C (35.6 to 104 °F).

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Use appropriate containment to avoid environmental contamination. Materials: Storage class 12, Liquids, not dangerous.

Recommendations: Not available



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Industrial sector specific solutions: Not available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedure: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Derived effect levels

No DELs available

Predicted effect concentrations

No PECs available

8.2 Exposure Controls

Appropriate engineering controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Individual protection measures:

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin protection:

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Material of gloves for long term application (BTT>480 min): Butyl rubber, Ethyl Vinyl Alcohol Laminate (EVAL)

Material of gloves for short term/splash application (10min<BTT<480min): Nitrile rubber, neoprene

*(BTT = Break Through Time)

Use gloves approved to relevant standards e.g. EN 374 (Europe), F739 (US):

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove supplier. Additional information can be found for instance at www.gisbau.de.



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Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: In case of inadequate ventilation wear 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.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Appearance:

Physical state: Liquid

Colour: Light yellow

Odour: Slight

Odour threshold: Not available.

pH: Not available

Melting point/freezing point: Not available

Initial boiling point and boiling range: Not available

Flash point: Closed cup: >100°C [Data base don tests on similar product]

Evaporation rate: Not available.

Flammability (solid, gas): Not available

Burning time: Not applicable

Burning rate: Not applicable

Upper/lower flammability or explosive limits: Not available

Vapour pressure: Not available.

Vapour density: Not available.

Relative density: Not available.

Solubility (ies)

Water solubility: 20 deg C Soluble

Partition coefficient: n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: >140°C

Viscosity: Dynamic 450 mPa s 25 deg C

Explosive properties: Not available

Oxidising properties: Not available

9.2. Other information

Density: 1.04 g/cm³

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is stable



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10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid No specific data.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidising agents.

10.6 Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects Acute toxicity:

Product/ingredient name	Endpoint	Species	Result	Exposure
TECNOSEAL.01 comp. A	LD50 Oral	Rat	>2000 mg/kg	-
benzyltrimethylamine	LD50 Oral	Rat	240 mg/kg	-

Irritation/Corrosion

Conclusion/summary: Not available

Sensitizer

Conclusion/summary: Not available

Mutagenicity

Conclusion/summary: Not available

Carcinogenicity Reproductive toxicity Teratogenicity

Information on the likely routes of exposure: Not available

Potential acute health effects

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards

Eye contact: No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No specific data

Ingestion: No specific data

Skin contact: No specific data

Eye contact: No specific data

Delayed and immediate effects and also chronic effects from short- and long-term exposures

Short term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

Long term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

Potential chronic health effects

Conclusion/summary: Not available

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.



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Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards
Other information: Not available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Soil/water partition coefficient (Koc): Not available

Mobility: Not available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No known significant effects or critical hazards.

12.7 Other ecological information

SECTION 13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s)

13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimised wherever possible.

Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. 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. Waste packaging should be recycled.

Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: Yes

European waste catalogue (EWC)

Waste Code	Waste designation
07 02 08*	Other still bottoms and reaction residues



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Packaging

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number not regulated
 14.2 UN proper shipping name ADR/RID -
 AND/ADNR not available Not available
 IMDG not regulated
 - IATA Not regulated
 -

	ADR/RID	ADN/ADNR	IMDG	IATA
14.3 Transport hazard class(es)	-	Not available	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
14.6 Special precautions for user	Not available.	Not available.	Not available.	Not available.
Additional information	-	-	-	-

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
EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substance subject to authorization Substances of very high concern

None of the components are listed

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

Other EU regulations

Europe inventory: All components are listed or exempted.

Black List Chemicals: Not listed

Priority List Chemicals: Not listed

Integrated pollution prevention and control list (IPPC) - Air: Not listed

Integrated pollution prevention and control list (IPPC) - Water: Not listed

Product/ingredient name	Carcinogenic effects	Mutagenic effects	Developmental effects	Fertility effects
2-ethylhexanoic acid	-	-	Repr. Cat. 3; R63	-



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National regulations

References: The provision of Safety Data Sheet comes under Regulation 6 of CHIP (CHIP is the recognised abbreviation for the Chemicals Hazard Information and Packaging Regulations). This is an addition to the Health and Safety at Work Act 1974.

International regulations

Chemical Weapons Conventions List Schedule I Chemicals: Not listed
Chemical Weapons Conventions List Schedule II Chemicals: Not listed
Chemical Weapons Conventions List Schedule III Chemicals: Not listed

15.2 Chemical Safety Assessment

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

SECTION 16. OTHER INFORMATION

Indicates information that has changed from previously issued version

Abbreviations and acronyms

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - United Kingdom (UK)

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin irrit. 2, H315

Eye Dam. 1, H318

Repr. 2, H316d

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Irrit. 2, H315	Expert judgment
Eye Dam. 1, H318	Expert judgment
Repr. 2, H316d	Expert judgment

Full text of abbreviated H

H226 Flammable liquid and vapour
H302 Harmful if swallowed
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H318 Causes serious eye damage
H332 Harmful if inhaled
H361d Suspected of damaging the unborn child.
H412 Harmful to aquatic life with long lasting effects.



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Full text of classifications [CLP/GHS]:

Acute Tox. 4, H302	ACUTE TOXICITY: ORAL - Category 4
Acute Tox. 4, H312	ACUTE TOXICITY: SKIN - Category 4
Acute Tox. 4, H332	ACUTE TOXICITY: INHALATION - Category 4
Aquatic Chronic 3, H412	AQUATIC TOXICITY (CHRONIC) - Category 3
Eye Dam. 1, H318	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Flam. Liq. 3, H226	FLAMMABLE LIQUIDS - Category 3
Repr. 2, H361d	TOXIC TO REPRODUCTION [Unborn child] - Category 2
Skin Corr. 1B, H314	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2, H315	SKIN CORROSION/IRRITATION - Category 2

Full text of abbreviated R phrases:

- R10-Flammable
- R63-Possible risk of harm to the unborn child
- R20/21/22-Harmful by inhalation, in contact with skin and if swallowed.
- R34-Causes burns
- R52/53-Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications [DSD/DPD]:

- Repr. Cat. 3 - Toxic to reproduction category 3
- C - Corrosive
- Xn - Harmful

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