



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

SUPERLACK BLANK

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® SUPERLACK BLANK

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

Uses advise for: Construction chemical product. Pavements and walls varnishing of CEMENTFABRIKENS® SYSTEMS.

Uses advise against: Uses other than those recommended.

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 mixture

In accordance with Directive 1999/45/EC:

Xi - Irritating to eyes

In accordance with Regulation (EU) No 1272/2008:

Eye Irrit. 2: Causes serious eye irritation.

2.2 Label elements.

Labelling in accordance with Regulation (EU) N° 1272/2008:

Pictograms:



Signal Word: Warning

H statements:

H319

Causes serious eye irritation.

P statements:

P264 Wash with soap and water thoroughly after using

P280 Wear protective gloves/protective clothing/eye

protection/face protection

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

EUH statements:

- EUH204 Contains isocyanates. May produce an allergic reaction.
- EUH208 Contains hexamethylene-di-isocyanate. May produce an allergic reaction.

2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTES

3.1. Substances

Not applicable.

3.2. Mixtures

Substances posing a danger to health or the environment in accordance with the Hazardous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*) Classification Regulation (EC) No 1272/2008	(*) Classification Directive 67/548/CEE
Index No: 607-194-00-1 CAS No: 108-32-7 EC No: 203-572-1 Registration No: 012119537231-45-XXXX	Propylene carbonate	8-10%	Eye Irrit. 2, H319	Xi R36
Index No: 615-011-00-1 CAS No: 822-06-0 EC No: 212-485-8 Registration No: 012119457581-37-XXX	Hexamethylene-diisocyanate	0-0.5%	Acute Tox. 3 *, H331 - Eye Irrit. 2, H319 - Resp. Sens 1, H334 - Skin Irrit. 2, H315 - Skin Sens. 1, H317 - STOT SE 3, H335	
Index No: 649-356-00-4 CAS No: 64742-95-6 EC No: 265-199-0 Registration No: 012119486773-24-XXXX	[Complex combination of hydrocarbons obtained from the distillation of aromatic streams]	0.1-10%		

(*) The complete text of the R and H phrases is given in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

SECTION 4. FIRST AID

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

Inhalation

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate. Can cause allergic reactions.

4.3 Indication of any immediate medical attention and special treatment needed

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Recommended extinguishing methods.

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture

Special risks

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for fire-fighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers or waterways.

Fire protection equipment

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions

Prevent the contamination of drains, surface or subterranean waters, and the ground.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

6.3 Methods and material for containment and cleaning up

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

The fumes are heavier than air and spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product.

Operators must use antistatic footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are opened, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s)

Construction chemical product. See Application Data Sheet.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Hexamethylene-di-isocyanate N. CAS: 822-06-0 N. CE: 212-485-8	DNEL (Workers)	Inhalation, Long-term, Local effects	0,035 (mg/m ³)
	DNEL (Workers)	Inhalation, Long-Term, Systemic effects	0,035 (mg/m ³)



PRODUCT SAFETY DATA SHEET



Last date revision: 20/05/2017

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated. DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100%		
Uses:	Construction chemical product. Aliphatic mono-component varnish glossy finish		
Breathing protection			
If the recommended technical measures are observed, no individual protection equipment is necessary.			
Hand protection			
PPE:	Work gloves		
Characteristics:	"CE" marking, category I		
CEN standards:	EN 374-1, EN 374-2, EN 374-3, EN 420		
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.		
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (Poly vinyl chloride)	Breakthrough time (min.): > 480	Material thickness (mm): 0,35
Eye protection:			
PPE:	Protective goggles with built-in frame.		
Characteristics:	"CE" Marking category II. Eye protector with built-in frame for protection against dust, smoke, fog and vapour.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.		
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping, etc.		
Skin protection:			
PPE:	Protective clothing		
Characteristics:	"CE" marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.		
CEN standards:	EN 340		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.		
PPE:	Work footwear		
Characteristics:	"CE" marking, category II.		
CEN standards:	EN ISO 13287, EN 20347		



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

Maintenance:	This product adapts to the first user's foot shape. That is hay, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Liquid

Colour: Transparent Odour: Odorless Odour threshold: N.A.

pH: N.A. Melting point: N.D.

Boiling Point: 250 °C Flash point: >55°C Evaporation rate: N.A. Inflammability (solid, gas): non-flam Lower Explosive Limit: N.A.

Upper Explosive Limit: N.A. Vapour pressure: <0.0001 hPa Vapour density: N.A.

Relative density: 1.18 g/cm³

Solubility: Aromatic hydrocarbons, ketones and esters.

Liposolubility: Soluble

Hydrosolubility: Insoluble

Partition coefficient (n-octanol/water): N.A. Auto-ignition temperature: 490 °C Decomposition temperature: N.D. Viscosity: 300 cps Explosive properties: N.A.

Oxidizing properties: N.A.

N.A./N.A. = Not Available/Not Applicable due to the nature of the product.

9.2 Other information

Volatile organic compound (VOC)

Product Subcategory: One-pack performance coatings, solvent-borne

Phase II* (from 01/01/2010): 500 g/l

(*) g/l ready to use VOC content: 50 g/l Kinematic viscosity: N.D.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

The product does not present hazards by their reactivity.

10.2 Chemical stability

Unstable in contact with:

Acids

Bases

Oxidizing agents.

10.3 Possibility of hazardous reactions

In certain conditions this may cause a polymerization reaction

10.4 Conditions to avoid

Avoid the following conditions:

Heating.

High temperature.

Contact with incompatible materials.

10.5 Incompatible materials Avoid the following materials - Acids.

Bases.

Oxidizing agents.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

10.6 Hazardous decomposition products.

Depending on conditions of use can be generated the following products: - Cox (carbon oxides) - Organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

IRRITANT PREPARATION. Splatters in the eyes can cause irritation.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to nonallergic contact dermatitis and absorption of the product through the skin.

Exposure to concentrations of solvent fumes above the work exposure limit can have negative effects (for example, irritation of the mucous membranes and respiratory system, adverse effects on the kidneys, liver, and the central nervous system). Among the symptoms are headaches, vertigo, fatigue, muscular weakness, drowsiness, and in extreme cases, unconsciousness.

Splatters in the eyes can cause irritation and reversible damage.

Based on the properties of isocyanates and taking into account existing technical data on similar products, it appears that this product may cause irritation and / or acute awareness of the respiratory system, leading to an asthmatic condition, a wheezing and chest pressure. Therefore, sensitized individuals may show symptoms when exposed to atmospheres containing concentrations below the level of exposure. Repeated exposure can lead to chronic respiratory diseases.

Acute toxicity;

Not conclusive data for classification

irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation. c) corrosivity;

Not conclusive data for classification. d) sensitisation;

Based on available data, the classification criteria are not met.

repeated dose toxicity;

Not conclusive data for classification.

carcinogenicity;

Not conclusive data for classification.

mutagenicity;

Not conclusive data for classification.

toxicity for reproduction;

Not conclusive data for classification.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No information is available regarding the ecotoxicity of the substances present.

12.2 Persistence and degradability

No information is available about persistence and degradability of the product.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

12.3 Bioaccumulative potencial.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Propylene carbonate N. CAS: 108-32-7 EC No. 203-572-1	-0,41	-	-	Very low

12.4 Mobility in soil

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects

No information is available about other adverse effects for the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment methods

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14. TRANSPORT INFORMATION

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number

Transportation is not dangerous

14.2 UN proper shipping name

Transportation is not dangerous

14.3 Transport hazard class(es)

Transportation is not dangerous

14.4 Packing group

Transportation is not dangerous

14.5 Environmental hazards

Transportation is not dangerous

14.6 Special precautions for user

Transportation is not dangerous

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

Transportation is not dangerous.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

SECTION 15. REGULATORY INFORMATION

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

See annex I of the Directive 96/82/EC of 9 December 1996 on the control of major-accident hazards involving dangerous substances and the Regulation (EC) No 689/2008 of the European parliament and of the council of 17 June 2008 concerning the export and import dangerous chemicals and its subsequent updates.

The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical sheet for further information. The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affect by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessment.

There has been no evaluation a chemical safety assessment of the product.

SECTION 16. OTHER INFORMATION

Complete text of the R phrases that appear in section 3:

R36 Irritating to eyes.

Complete text of the phrase that appear in section 3:

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H331 Toxic if inhaled

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Labelling in accordance with Directive 1999/45/EC:

Symbols:

Xi



R Phrases:

R36 Irritating to eyes.

S Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S60 This material and its container must be disposed of as hazardous waste.

Other Phrases

Contains isocyanates. See the information provided by the manufacturer.

Contains hexamethylene-di-isocyanate. It may cause an allergic reaction.



PRODUCT SAFETY DATA SHEET

Last date revision: 20/05/2017

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (eu) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 OF THE EUROPEAN PALIAMENT AND THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) NO 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/108/EC and 2000/21/EC.

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