

November 2018

TECHNICAL DATA SHEET

BCD Powder Hardener

For Powder Filler

Use the BCD Hardener to strengthen our Powder Filler by mixing the BCD hardener with the Powder Filler. It is an effective way to strengthen the Powder Filler. It is perfect for the flooring industry as floors are often exposed to extreme conditions (pressure from spike heels, frequent washing, etc).

When adding BCD Hardener to the Powder Filler, the Powder Filler dries and hardens faster and makes it more pressure resistant.

COMMERCIAL FORM

- * Fluent filler

PHYSICAL FORMS

- * Colour White
- * pH value..... 5,5-6,5



USE

- * Replace 10-20% of the water in the Powder Filler mixture with BCD Hardener.
- * Thus, the mixture will be: 3 parts Powder Filler with 1 part water (10-20% of the water must be replaced with the BCD Hardener)
- * Stir well and the Powder Filler mixture is ready for use.
- * Clean tools with water.

NOTICE!

- * The recommended mixing ratio must be followed!
- * The Powder Filler dries faster with BCD Hardener and the hardness of the Powder Filler increases.
- * Repairs made with Powder Filler where BCD Hardener is added is more resistant towards brushing, pressure etc.
- * Repairs made with Powder Filler where BCD Hardener is added do not fall out as long as the recommended mixing ratio has been followed.
- * Store frost free.

PACKING

- * Tube..... 0.75kg

SAFETY DATA SHEET

BCD Hardener

According to Directive 1999/45/EC, 2010/75/EU (VOC), Regulations (EC) Nos 1272/2008 and 1907/2006 (REACH) and CLP 1272/2008

Issued: November 2018

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

1.1 Product identifier

Product name: BCD Hardener

1.2 Relevant information of the substance/mixture and uses advised against

Use: For strengthening Wood Mastic Powder Filler

1.3 Details of the supplier of the Safety Data Sheet

Supplier: Wood Repair by Boegh Consult A/S
 Charles Lindberghs Vej 6
 DK-9430 Vadum, Denmark
 Tel: +45-9827 1919
 Mail: info@woodrepair.dk
 Contact person: Susanne Bøgh

1.4 Emergency telephone number

24H Emergency phone: +45 82121212 Bispebjerg Hospital poisonous line



2. HAZARDS IDENTIFICATION

2.1 Classifications of the product/mixture according to 1272/2008

Not classified

2.2 Classification according to CLP 1272/2008

Not classified

2.3 Other information/dangers:

Safety/dangers: Can stick to skin after application. Long-term use can cause irritation of skin, eyes, and airways.
 OAR-code: 00-1 (1993)

3. COMPOSITION – INFORMATION ON INGREDIENTS

3.1/2 Ingredients/mixture

Chemical name: Acrylic dispersion 95-100%

CLP Classification: NA

3.2 Other information

The full text of all H-danger sentences is shown in section 16. Exposure limits shown in section 8.

4. FIRST AID MEASURES

4.1 Description of first aid measures

In general:	Remove the person from the source of exposure. In case of accident contact a doctor or emergency room. Bring this safety datasheet.
Inhalation:	Seek fresh air if you feel discomfort. See a doctor if you continue to feel discomfort.
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes. Apply skin cleanser if necessary. Moisturize skin with non-perfumed cream - see a doctor if necessary.
Eye contact:	Rinse with plenty of cold water immediately, also under eyelids. Remove eye lenses gently. See an ophthalmologist and continue rinsing during transport.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. See a doctor if you continue to feel discomfort.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Repeated or prolonged exposure may remove the skin's natural fat layer and cause itching. Splashes in the eye may cause eye irritation.
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4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician:	Treat symptomatically. Contact poison control hotline immediately if large quantities have been ingested or inhaled. +45 8212 1212 (Open 24/7).
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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguish media:	Alcohol resistant foam, water mist, carbon dioxide (CO ₂) and powders. Avoid water jet as it may cause fire to spread.
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5.2 Special hazards arising from the substance/mixture

Specific dangers:	No particular
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5.3 Advice for firefighters

Protection:	Use protection clothes and self-contained breathing apparatus (SCBA).
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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Protection person:	See section 8
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6.2 Environmental precautions

Environment:	Prevent any material from entering drains or waterways.
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6.3 Methods and material for containment and cleaning up

Cleaning methods:	Gather spillage into waste drums or plastic bags. Remove spillage with an absorbent material such as clay, sand, or other suitable material and dispose of it properly. Destroy containers in cooperation with local environmental authorities. Clean the area with water and ordinary cleaning products. Avoid solvents in the cleaning process. Local authorities should be contacted if major spillage can not be invaded.
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6.4 Reference to other sections

	See section 8 and 13
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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling: See section 8 for personal safety. No eating, drinking or smoking in areas where this product is handled, stored or processed. Wash hands and face before eating, drinking or smoking. Do not ingest. Do not reuse product container.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10), 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. Room temperature between 5° - 20°.

7.3 Specific and use(s)

To be used only as specified in Technical Data Sheet plus section 1 of this SDS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits: No substances are listed on the Danish limit value list.

DNEL/PNEC No data available

8.2 Exposure controls

Tech. measures: No exposure control as long as the product is used normally as described in this SDS. Avoid inhalation of gas and dust.

General: In the event that the working process is covered by the Directive for Work with OAR code numbered products (Labour Inspectorate Directive no. 302/1993) the personal measures must be chosen accordingly. See OAR code number in the Section 2 Hazard identification.
Smoking, eating or drinking, as well as storage of tobacco, food and drinks not allowed in working area. Wash hands and other exposed areas with mild soap and water before ingestions of food and beverage or smoking, as well as at the end of work. Ensure access to eye rinsing bottle.

Personal means: Personal means to be chosen in accordance with current CEN standards and in cooperation with the supplier of personal means.

Eye: Use protection goggles if risk of contact with melted product. EN 166

Inhalation: Ensure process ventilation of working area.

Hand: We recommend use of non-fusible gloves.

Skin: Standard non-fusible working clothes.

Environment: Prevent any material from entering drains or waterways.

Hygiene: At every break and at the end of the working day all exposed areas of the body must be washed carefully. Always wash hands, forearm and face.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

* Physical state	Solid liquid
* Colour	White
* Odour	Slight
* pH value.....	5.5-6.5
* Viscosity (40°C).....	100-1000 mPas@20°C
* Density (g/cm ³).....	0.9-1.1
* Melting point (°C).....	No accessible data
* Boiling point (°C)	No accessible data
* Vapour pressure	No accessible data
* Flash point (°C).....	No accessible data
* Ignition (°C)	No accessible data
* Autoignition (°C).....	No accessible data
* Explosion limits (Vol%)	No accessible data
* Solubility, water.....	Soluble
* n-octanol/water coefficient	No accessible data
* Solubility in fat (g/L)	No accessible data

9.2 Other information

OAR code: 00-1 (1993).

10. STABILITY AND REACTIVITY

- 10.1 Reactivity** There is no reactivity if used as described in Technical Data Sheet plus section 1.2 of SDS.
- 10.2 Chemical stability** The product is stable if handled as described in Section 7.
- 10.3 Possibility of hazardous reactions** None known under normal processing.
- 10.4 Conditions to avoid** Keep away from strong heat, as excess pressure can occur.
- 10.5 Incompatible materials** Incompatible with strong acids and bases, and strong oxidizing agents and reducing agents.
- 10.6 Hazardous decomposition prod.** None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	No data available
Inhalation:	No data available
Eye contact:	No data available
Skin contact:	No data available
Ingestion:	No data available.
Sensitisation:	Not applicable.
Skin corrosion/-irritation	No data available
Serious eye damage/-irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT repeated exposure	No data available

Aspiration hazard	No data available
Longterm effects	No particular

12. ECOLOGICAL INFORMATION

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|--|---|
| 12.1 Toxicity | Not classified hazardous to environment. |
| 12.2 Persistence and degradability | Degradable in aquatic environment, Test. |
| 12.3 Bioaccumulative potential | Potentially bioaccumulative, LogPow. |
| 12.4 Mobility in soil | No information available. |
| 12.5 Results of PBT and vPvB assessment | No data available. |
| 12.6 Other adverse effects | Prevent material from entering drains or groundwater. |

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Should not be released into the environment.
Gather residues into waste containers. Destroy according to the rules given by the local/national authorities.
Improper disposal or reuse of this container may be dangerous and illegal.

14. TRANSPORT INFORMATION

Non-dangerous product.

Transportation information	ADR/RID	IMDG/IMO	ICAO (air)	IATA
14.1 UN-number	-	-	-	-
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazard				
MP	-	-	-	-
EMS				
14.6 Special precautions for user	-	-	-	-
14.7 Transport in bulk according to Annex II of Marpol 73/78 and the BIC Code	-	-	-	-
Other information	-	-	-	-

15. REGULATORY INFORMATION

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

Ministry of the environment Directive o. 1075 dated 24th November 2011 on classification, packing, labelling, sale and storage of chemical substances and products.

Labour Inspectorate (LI) Directive no. 292 dated April 26th 2001 on Work with substances and material (chemical agents) with changes.

Directive no. 559 dated July 4th 2002 on Specific obligations for producers, suppliers and importers of substances and material in accordance with the Working Environment Act.

LI-Directive no. 507 dated 17th May 2011, with changes.

LI-Guidance 1134-2011 on Exposure limits for substances and materials.

LI-Directive no. 908 dated 27th September 2005 on Measures to prevent risk of Cancer working with substances and material, with changes.

LI- Directive no. 239 dated April 6th 2005 on Youth workers, with changes.

LI-Guidance no. 1309 dated 18th December 2012 on waste disposal.
Defence Ministry Direction no. 17 dated 4th January 2010 on flammable liquids.
LI-Directive no. 301 dated May 13th 1993 on clarification of OAR Code numbers.
Directive no. 48 dated January 13th 2010 on Waste disposal.
EC Directive 1272/2008 (CLP), EC Directive 453/2010 (Update CLP)
EC Directive 1907/2006 (REACH)
EC Directive 2010/75 (VOC)

Further information: OAR code (1993) 00-3

15.1.1 Limitation of use:

Pregnant and breastfeeding women should not be exposed to effects from the product. Therefore, the risk and the possibility of technical measures or the organization of the workplace to counter such effects must be assessed.

15.2 Chemical safety assessment

No chemical safety assessment has been made for the product.

16. OTHER INFORMATION

16.1 Full wording of H-sentences in section 3:

None mentioned

Personnel to be instructed in correct use of the product. Personnel must read this Safety Data Sheet before using the product including the Technical Data Sheet.

To the best of our knowledge the information given herewith is accurate. However, no liability what so ever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

Issued by:

Susanne Bøgh

