

DATA SHEET

BCD Hardener for powder filler

Wood Repair Powder Hardener is an effective way of strengthening the repair created by Wood Repair Powder. It is perfect for the flooring industry, as floors are often exposed to extreme conditions (pressure from spike heels, frequent washing). When adding Wood Repair Powder Hardener to your mixture of water and powder, the mix will dry and harden faster, and the finished repair will be more pressure resistant.

COMMERCIAL FORM

- * Fluent filler

PHYSICAL FORM

- * Colour White
- * PH value 5-6

HOW TO USE

- * Replace 10% of the water used to mix with Wood Repair Powder with Hardener, maintaining the same 3:1 ratio of powder to liquid.
- * Stir well.

NOTICE

- * Do not use more than the recommended 10% Filler Hardener when mixing!
- * Wood Repair powder will dry quicker, and the hardness of the repair will be improved.
- * The repair is more tolerant to brushing, high pressure (spike heels) etc.
- * The repair stays in the wood when the floor is maintained (washed etc.).
- * Store at room temperature, away from sub-zero temperatures or extreme heat.

PACKAGING

- * 0.75 kg plastic bottle



SAFETY DATA SHEET

According to Directive 1999/45/EC and Regulations (EC) Nos 1272/2008 and 1907/2006 (REACH)

1. IDENTIFICATION

Product name: BCD Hardener for powder filler

Use: Speeds up the drying process and hardness of the powder filler

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

2. HAZARDS IDENTIFICATION

Main Hazards: If ingested, irritation of eyes, nose, throat and mouth may occur.

Hazard codes: Xi Irritation. R36 Irritating to eyes

Classification: Product classified "non-dangerous" according to CE regulations..

Environment: The product is not expected to affect the aquatic environment. But be assured not to release the product into water ways and systems when there is no experimental data on the effect in the aquatic environment.

3. COMPOSITION - INFORMATION ON THE COMPONENTS

<u>Components</u>	<u>CAS/Einics no.</u>	<u>Conc.</u>	<u>Symbol</u>	<u>Hazard codes</u>
Propylene carbonate	108-32-7,203-572-1	1-5%	Xi	R36, P319

4. FIRST AID MEASURES

Generally: Read the following first aid measures for safety reasons. Seek help if you are in doubt. Headache, dizziness or nausea may occur in larger spillages.

Inhalation: Seek fresh air if you feel discomfort. See a doctor if you continue to feel discomfort.

Eye contact: Rinse the eyes immediately with large quantities of water for at least 15 minutes. Be sure to rinse the eyes thoroughly by separating the eyelids with clean fingers. Remove contact lenses slowly. See an eye specialist if the irritation continues.

Skin contact: Remove affected clothes and wash the affected area thoroughly with soap and water. Skin cleansing product may be used – DO NOT use solvents or thinner.

Ingestion: DO NOT try to provoke vomiting. Take care that the injured person drinks a lot of water. If nausea occurs seek medical attention. Give the person rest, warmth and fresh air.

5. FIREFIGHTING MEASURES

Non flammable

- Extinguish media: Powder, foam, carbon dioxide, polar resistant foam or sand.
- Specific dangers: Toxic gasses (Carbon oxides) may occur in connection with heating or fire. Remove product from fire area if possible - if not keep plastic bottles cold with water. Pressure may rise in hermetically closed bottles.
- Protection person: Wear self-contained breathing apparatus plus protective clothes and gloves.

6. ACCIDENTAL RELEASE MEASURES

- Personal: We refer to section 8 – personal protection. Ensure sufficient ventilation. Use gloves and protection goggles. Stop spillage.
- Environmental: Do not allow the product to access drains or watercourses. If this happens, contact the local authorities.
- Cleaning methods: Gather the spillage with sand, cat litter, saw dust or another kind of absorbent material. Sweep the spillage into a dense and closed container. Destroy the container in cooperation with local authorities. Rinse the area with water and standard cleaning products. Avoid solvents in the cleaning process.

7. HANDLING AND STORAGE

- Handling: Avoid breathing of spray mist. Do not store in same room as tobacco, food and beverages. No particular technical means needed by normal use.
- Storage: Store upright in a cool, dry, well ventilated place out of direct sunlight. Buckets to be stored carefully closed. Recommended storage temperature 5°-30°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure limits: None.
- Exposure control: No control necessary if product is used as described in section 1.
- General: Smoking, eating and drinking in working areas prohibited. Do not keep foods, tobacco, medicine etc in working areas.
- Technical: No particular precautions necessary when general safety and hygiene measures are observed. Wash hands at every break and at the end of the working day.
- Personal**
- Inhalation: Not relevant. In case of fire see section 5.
- Hand: Use synthetic rubber gloves in case of long or repeated use.
- Eye: It is recommended to wear protection goggles to avoid splashes. Access to shower/water can with water for eye cleansing necessary.



9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:	White
Physical form:	Fluent
Boiling point:	app. 100 °C
Flashpoint:	N/A
PH value:	5-6
Density:	1,06 (20°C)
Solubility in water:	Soluble
Other information:	N/A.

10. STABILITY AND REACTIVITY

Stability: The product is very stable under normal conditions although toxic gases (carbon oxides) may occur at very high temperatures.

Avoid: Direct sunlight as overpressure may occur.
Strong acids, strong bases, strong oxidisers and strong reducing agents.

Notice: The product is not decomposed if used as described in Section 1.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available.

Other information: Long term and repeated contact with the skin can cause redness, dryness and irritation on the skin. Larger irritation may occur if contact with eyes.

12. ECOLOGICAL INFORMATION

Harmful components: Do not pour the product into sewers, drains or any type of waterways. There exists no experimental data on the subject.

Degradability: Only expected to be partially degradable.

Other information: If proper discharge of low concentration, the product is expected not to have disruptive effect in the water environment.

13. DISPOSAL CONSIDERATIONS

Do not discharge into watercourses. Remains of the product must be disposed of in accordance with national and local legislation for chemical waste.

Waste type H Waste card 3.22 EWC code 08 04 10

14. TRANSPORT INFORMATION

Not a dangerous product.

15. REGULATORY INFORMATION

None.

16. OTHER INFORMATION

Sources:

Labour Inspectorate (LI) Directive no. 301 dated May 13th 1993 on clarification of OAR Code numbers.
Directive no. 21 dated January 16th 1996 on Chemical substances and products.
LI- Directive no. 292 dated April 26th 2001 on Work with substances and material (chemical agents)
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. 239 dated April 6th 2005 on Youth workers.
Environmental Protection Agency Directive no. 1049 dated October 27th 2005 on reduction of VOC.
LI-guidance C.0.1 dated August 2007: Exposure values for substances and material.
EC Directive 1907/2006 (REACH)
EC Directive 1272/2008 (CLP)
Directive no. 48 dated January 13th 2010 on Waste disposal.
EC Directive 453/2010 (Update CLP)

Full wording of R/S/P sentences:

R36 Irritating to eyes
P319 Causes serious eye irritation.



Personnel to be instructed in correct use of the product. Personnel must read this safety data sheet before using the product.

To the best of our knowledge the information given herewith is accurate. However, no liability whatsoever 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