

TECHNICAL DATA SHEET

Wood Mastic E800 AQUA+

Wood Mastic E800 Aqua+ is a high quality paste filler that is perfect for both outdoor and indoor use. Wood Mastic E800 Aqua+ is a fine-grained paste filler with an excellent water repellent effect that is created when the filler hardens. Even without finishing surface treatment the filler will repel water and moisture.

Wood Mastic E800 Aqua+ comes in 12 standard colours and is suitable for various types of wood repairs such as windows/doors, furniture etc. Wood Mastic E800 is water-based and consists of non-toxic mineral components, which makes it safe to use.



COMMERCIAL FORM

- * Ready to use - paste; soluble in water.
- * Made by various dry components (>80%), water ca. 20%.

PHYSICAL FORM

- * Colour Many colors: White, Pine, Ash, Oak, Cherry, Mahogany, Smoked Oak, Wenge, Merbau, Walnut, Black, Jatoba, Dark Oak, Beech etc.
- * PH value 7
- * Operation temperature between 5° and 30° C.

USE

- * For indoor as well as outdoor use.
- * Ready to use. For repair of scratches, small holes etc.
- * Store in closed bucket.
- * Wash tool with water.

NOTICE

- * No protection or ventilation necessary when using Wood Mastic E800 Aqua+.
- * Wood Mastic E800 Aqua+ does not sink nor crack when hardening up.
- * Good humid resistance.

PACKAGING

- * 400 g tubes and 7kg buckets.

STORAGE

- * Store cold but frost-free.
- * Store up to 1 year. Recommended room temperature between 5° and 30°C.

SAFETY DATA SHEET

Wood Mastic E800 Aqua+



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

1.1 Product identifier

Product name: Wood Mastic E800 Aqua+

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

Use: For filling and repair of wood, such as pine, birch etc.

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

May produce an allergic reaction (EUH208).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site. This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2 Label elements - Classification according to CLP 1272/2008

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labelling:

EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
 EUH208 Contains MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1). May produce and allergic reaction.
 EUH210 Safety data sheet available on request.

Precautionary statements – General: P102: Keep out of reach of children
Precautionary statements – Prevention: P271: Use only outdoors or in a well-ventilated area
Precautionary statements – Disposal: P501: Dispose of contents / container to an approved landfill.

2.3 Other information/dangers:

Safety/dangers: In its dry aspect:

Common risk of non-toxic dust when sanding. The symptoms of a high accidental exposition are not specific to the product and are similar to those produced by any other dust.

Administration on the skin: no harmful effect observed. Some people may complain of a slight dryness of the skin. May stick to skin when dry.

Classification: The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
 The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of

the REACH regulations EC 1907/2006

3. COMPOSITION – INFORMATION ON INGREDIENTS

3.1/2 Ingredients/mixture

Composition:

Identification	(EC) 1272/2008	Note	%
CAS: 1317-65-3 EC: 215-279-6 REACH: 01-2119486795-18 LIMESTONE		[1]	50 ≤ x % < 100
CAS: 14807-96-6 EC: 238-877-9 TALC		[1]	2.5 ≤ x % < 10
CAS: 13463-67-7 EC: 236-675-5 REACH: 01-2119489379-17 TITANIUM DIOXIDE		[1]	0 ≤ X % < 2.5
INDEX: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9 1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS05, GHS07, GHS09 Dgr. Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1		0 ≤ X % < 1
INDEX: 613-167-00-5 CAS: 55965-84-9 MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 ≤ X % < 1

[1] Substance for which maximum workplace exposure limits are available

3.3 Other information

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

The product does not contain any SVHC ingredients on the REACH list article 57, nor does it contain PBT or vPvB ingredients as per annexe XIII.

4. FIRST AID MEASURES

4.1 Description of first aid measures

In general:	In case of doubt or if symptoms persist, always see a doctor. Never induce swallowing by an unconscious person.
Inhalation:	Seek fresh air if you feel discomfort. See a doctor if you continue to feel discomfort.
Skin contact:	Wash with mild soap and water.
Eye contact:	Rinse with plenty of cold water immediately. See an ophthalmologist and continue rinsing during transport.
Ingestion:	Do not provoke vomiting, see a doctor.

4.2 Most important symptoms and effects, both acute and delayed

None known

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguish media: In case of fire use sprayed water or water mist, foam, multipurpose ABC powder, BC powder, carbon dioxide (CO₂). Avoid using water jet as it may spread the fire.

5.2 Special hazards arising from the substance/mixture

Specific dangers: In case of high temperatures hazardous decomposition products may occur – Carbon dioxide, carbon monoxide, dust and fumes. Thick dark smoke might appear, do not breathe in smoke.

5.3 Advice for firefighters

Protection: Use protection clothes and self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Protection person: See section 8

For first aid workers: First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2 Environmental precautions

Environment: Prevent any material from entering drains or waterways.

6.3 Methods and material for containment and cleaning up

Cleaning methods: Gather spillage into waste drums or plastic bags. Store in container until removal. Clean the area carefully with water.

Check specific rules and regulations with the local authorities.

Removal by burning. Use only approved incineration plant.

6.4 Reference to other sections

See section 8 and 13

7. HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1 Precautions for safe handling

Handling: Do not store in same room as groceries. No particular technical means needed by normal use. Wash hands after use and remove and wash contaminated clothing before re-using.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store up to 1 year. To maintain product quality and characteristics store in closed packaging in frost free room; recommended room temperature between 5° and 40°C.

Keep out of reach of children.

Packaging: Always keep in packaging made of an identical material to the original.

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

Occupational exposure limits:

ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):						
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:	
14807-96-6	2 (E,R) mg/M3	-	-	A4	-	
13463-67-7	10 mg/m3	-	-	A4	-	
FRANCE (INRS – ED984 :2016):						
CAS	VME-ppm:	VME-mg/m3:	VLE-ppm	VLE-mg/m3:	Notes:	TMP No.
1317-65-3	-	10	-	-	-	-
13463-67-7	-	10	-	-	-	-
UK / WEL (Workplace exposure limits, EH40/2005, 2011):						
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:	
1317-65-3	- ppm 4 mg/m3	- ppm 4 mg/m3	-	-	-	
14807-96-6	- ppm 1 mg/m3	- ppm - mg/m3				
13463-67-7	- ppm 4 mg/m3	- ppm mg/m3				

DNEL/PNEC

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

TITANIUM DIOXIDE (CAS: 13463-67-7)

Final use:	Workers.
Exposure method:	Inhalation.
Potential health effects:	Long term local effects.
DNEL:	10 ppm
Final use:	Man exposed via the environment.
Exposure method:	Ingestion.
Potential health effects:	Short term systemic effects.
DNEL:	700 mg/kg body weight/day

Predicted no effect concentration (PNEC):

TITANIUM DIOXIDE (CAS: 13463-67-7)

Environmental compartment:	Air.
PNEC:	1667 mg/kg
Environmental compartment:	Soil.
PNEC:	100 mg/kg
Environmental compartment:	Fresh water.
PNEC:	0.184 mg/l
Environmental compartment:	Sea water.
PNEC:	0.0184 mg/l
Environmental compartment:	Intermittent waste water
PNEC:	0.61 mg/l
Environmental compartment:	Fresh water sediment
PNEC:	1000 mg/kg
Environmental compartment:	Marine sediment
PNEC:	100 mg/kg
Environmental compartment:	Waste water treatment plant
PNEC:	100 mg/l

8.2 Exposure controls

- Tech. measures:** Ensure effective ventilation. Process ventilation recommended.
- General:** 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. Pictograms indicating the obligation of wearing personal protective equipment (PPE).



- Inhalation:** Only when sanding - wear sufficient dust mask (type P2) whenever dust limits are exceeded to avoid disturbances. (EN149)
- Hand:** Wear rubber gloves in case of long or repeated use. (EN374)
Type B – 30 minutes (level 2) against minimum 3 test chemicals
- Eye:** Use protection goggles if risk of contact with melted product. EN 166
- Skin:** Wash skin thoroughly with water and mild soap at breaks and at the end of the working day.
- Hygiene:** Wash working clothes regularly.
- Environment** Prevent any material from entering drains or waterways.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state	Colour	Smell	pH	
Soft paste by 20°C.	Many colours.	Low.	7	
Flash point	Boiling point	Vapour pressure 50°C	Density	Melting point
-	100°C	Below 110 kPa (1.10 bar).	> 1	-
Ignition	Auto ignition	Softening point	Solubility in water	
-	-	-	Soluble.	

9.2 Other information

V.O.C. <=50 g/l

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
- 10.4 Conditions to avoid** Extreme temperatures will influence the product.
- 10.5 Incompatible materials** -

10.6 Hazardous decomposition prod. In case of high temperatures hazardous decomposition products may occur – Carbon dioxide (CO₂), carbon monoxide (CO), dust and fumes. Avoid inhalation of smoke.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	TITANIUM DIOXIDE (CAS: 13463-67-7)
Oral route:	LD50 = > 5000 mg/kg Species: Rat OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)
Dermal route:	LD50 = > 5000 mg/kg Species: Rabbit
Inhalation route (dusts/mist):	LC50 > 6.82 mg/l Species: Rat
	LIMESTONE (CAS:1317-65-3)
Oral route:	LD50 = 6450 mg/kg Species: Rat
Dermal route:	LD50 = 500 mg/kg Species: Rabbit

Skin corrosion/-irritation:

TITANIUM DIOXIDE (CAS: 13463-67-7) OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/-irritation:

TITANIUM DIOXIDE (CAS: 13463-67-7) OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitisation:

TITANIUM DIOXIDE (CAS: 13463-67-7) OECD Guideline 406 (Skin Sensitisation)

Specific target organ systemic toxicity – repeated exposure:

TITANIUM DIOXIDE (CAS: 13463-67-7)

Oral route: C = 3500 mg/kg bodyweight/day
Species: Rat
Duration of exposure: 90 days

Inhalation route: C = 10 mg/litre/6h/day
Species = Rat
Duration of exposure: 90 days

11.2. Mixture

Respiratory or skin sensitisation:

Contains at least one sensitising substance. May cause an allergic reaction.

Monograph(s) from the IARC (International Agency for Research on Cancer):

CAS 14807-96-6: IARC Group 2B : The agent is possible carcinogenic to humans.

CAS 13463-67-7: IARC Group 2B : The agent is possible carcinogenic to humans.

12. ECOLOGICAL INFORMATION

12.1 Toxicity - substances

	TITANIUM DIOXIDE (CAS: 13463-67-7)
Fish toxicity:	LC50> 100mg/l Species: Oncorhynchus mykiss Duration of exposure: 96 h



Crustacean toxicity:	EC50> 100 mg/l Species: Daphnia magna Duration of exposure: 48 h
Algae toxicity:	ECr50= 16mg/l Species: Pseudokirchnerella subcapitata Duration of exposure: 72 h
Limestone (CAS 1317-65-3) Fish toxicity:	LC50 > 10000mg/l Species: Oncorhynchus mykiss Duration exposure: 96 h
Crustacean toxicity:	EC50 >1000mg/l Species: Daphnia magna Duration exposure: 48 h
Algae toxicity:	ECr50 >200mg/l Species: Desmodesmus subspicatus Duration exposure: 72 h

12.1.2 Mixtures

No aquatic toxicity data available for the mixture.

12.2 Persistence and degradability

12.2.1 Substances

TITANIUM DIOXIDE (CAS: 13463-67-7)

Biodegradability: Non-rapidly degradable

LIMESTONE (CAS 1317-65-3)

Biodegradability: No degradability data is available, the substance is considered as not degrading quickly.

12.3 Bioaccumulative potential

12.3.1 Substances

TITANIUM DIOXIDE (CAS: 13463-67-7)

Octanol/water partition coefficient: log K_{ow} < 3.

12.4 Mobility in soil No data available.

12.5 Results of PBT and vPvB assessment No data available.

12.6 Other adverse effects Prevent material from entering the environment

13. DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1 Waste treatment methods

Solid rests consist mainly of minerals not registered as toxic waste. Dry component may be placed in industrial waste bin while observing local or national regulation.

Do not flush directly in drain. Dispose according to national and local rules and regulations.

14. TRANSPORT INFORMATION

Non-dangerous product.

	ADR/RID	IMDG/IMO
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)

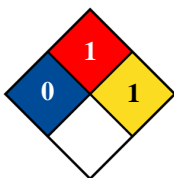
EU Directive 830/2015 Replacing Directive 67/548/EC and 1999/45/EC

EC Directive 1907/2006 (REACH)

Further information: -

Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):

NFPA 704, Labelling: Health=0, Inflammability=1, Instability/Reactivity=1, Specific Risk=None.



15.2 Chemical safety assessment

No chemical safety assessment has been made for the product.

16. OTHER INFORMATION

16.1 Full wording of H-R sentences in section 3:

H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction

H318	Causes serious eye damage.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Abbreviations:

DNEL:	Derived No-Effect Level
PNEC:	Predicted No-Effect Concentration
ADR:	European agreement concerning the international carriage of dangerous goods by Road.
IMDG:	International Maritime Dangerous Goods.
IATA:	International Air Transport Association.
ICAO:	International Civil Aviation Organisation.
RID:	Regulations concerning the International carriage of Dangerous goods by rail.
WGK:	Wassergefährdungsklasse (Water Hazard Class)
PBT:	Persistent, bioaccumulable and toxic
vPvB:	Very persistent, very bioaccumulable.
SVHC:	Substance of very high concern.

Recommended use: Repair of wood (more details on technical sheet)

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

