

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 9

Revision: 09.04.2021

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name: **AMOTHERM WOOD 450 SB TOP - B**

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

##### Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category PC9a Coatings and paints, thinners, paint removers

##### Process category

PROC11 Non industrial spraying

PROC10 Roller application or brushing

PROC7 Industrial spraying

Application of the substance / the mixture Antifire paint

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

.F. Amonn s.r.l./GmbH

I-39100 Bolzano/Bozen

Via Altmann 12 Altmannstraße

Tel.: +39 0471 904-911 - Fax.: +39 0471 910-449

##### Informing department:

Product safety department.

technical department Color Division

phone: +39 0437 98411

email: [laboratorio@amonncolor.com](mailto:laboratorio@amonncolor.com)

#### 1.4 Emergency telephone number:

National Poisons Information Service (NPIS)

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In N Ireland: Contact your local GP or pharmacist during normal hours; click here ([www.gpoutofhours.hscni.net/](http://www.gpoutofhours.hscni.net/)) for GP services Out-of-Hours.

In Republic of Ireland: 01 809 2166

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Acute Tox. 4 H332 Harmful if inhaled.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms



GHS02 GHS07

##### Signal word Danger

##### Hazard-determining components of labelling:

ethyl acetate

Benzene, 1,3-diisocyanatomethyl-, homopolymer

n-butyl acetate

Aliphatisches Polyisocyanat

m-tolyldiene diisocyanate

##### Hazard statements

H225 Highly flammable liquid and vapour.

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

(Contd. on page 2)

GB

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 9

Revision: 09.04.2021

Trade name: AMOTHERM WOOD 450 SB TOP - B

(Contd. of page 1)

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

**2.3 Other hazards****Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

**Dangerous components:**

|  |  |        |
|--|--|--------|
| CAS: 123-86-4<br>EINECS: 204-658-1<br>Reg.nr.: 01-2119485493-29        | n-butyl acetate<br>Flam. Liq. 3, H226; STOT SE 3, H336, EUH066   | 60-80% |
| CAS: 53317-61-6<br>NLP: 500-120-8                                      | adduct aromatic polyurethane<br>Eye Irrit. 2, H319; Skin Sens. 1, H317   | 10-25% |
| CAS: 141-78-6<br>EINECS: 205-500-4<br>Reg.nr.: 01-2119475103-46        | ethyl acetate<br>Flam. Liq. 2, H225; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066   | 3-7%   |
| CAS: 26471-62-5<br>EINECS: 247-722-4<br>Reg.nr.: 01-2119454791-34-XXXX | m-tolylidene diisocyanate<br>Acute Tox. 2, H330; Resp. Sens. 1, H334; Carc. 2, H351; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412, EUH204<br>Specific concentration limits:<br>Resp. Sens. 1; H334: C ≥ 0.1 %<br>Muta. 2; H341: C ≥ 1 %<br>Carc. 2; H351: C ≥ 1 %<br>STOT SE 2; H371: C ≥ 1 %<br>STOT RE 2; H373: C ≥ 1 %<br>Asp. Tox. 1; H304: C ≥ 1 % | <0.5%  |

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures****General information**

Instantly remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation**

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

· **After skin contact** Instantly wash with water and soap and rinse thoroughly.

· **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

· **After swallowing** Seek immediate medical advice.

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

No further relevant information available.

(Contd. on page 3)

GB



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 9

Revision: 09.04.2021

Trade name: AMOTHERM WOOD 450 SB TOP - B

(Contd. of page 2)

- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

#### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents**  
Water.  
Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus.

#### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**  
Store in cool location.  
Store in well closed containers in a cool, well ventilated area. Direct sunshine should be avoided.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed containers.
- **Storage class 3**
- **7.3 Specific end use(s)** No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
  - **Components with limit values that require monitoring at the workplace:**
- |                                 |   |
|---------------------------------|---|
| <b>123-86-4 n-butyl acetate</b> |   |
| WEL                             | Short-term value: 966 mg/m <sup>3</sup> , 200 ppm<br>Long-term value: 724 mg/m <sup>3</sup> , 150 ppm |

(Contd. on page 4)

GB

**Safety data sheet**  
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Trade name: AMOTHERM WOOD 450 SB TOP - B

(Contd. of page 3)

**141-78-6 ethyl acetate**

WEL Short-term value: 1468 mg/m<sup>3</sup>, 400 ppm  
Long-term value: 734 mg/m<sup>3</sup>, 200 ppm

**108-65-6 2-methoxy-1-methylethyl acetate**

WEL Short-term value: 548 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 274 mg/m<sup>3</sup>, 50 ppm  
Sk

**26471-62-5 m-tolylidene diisocyanate**

WEL Short-term value: 0.07 mg/m<sup>3</sup>  
Long-term value: 0.02 mg/m<sup>3</sup>  
Sen; as -NCO

**· DNELs****123-86-4 n-butyl acetate**

|            |                                      |                              |
|------------|--------------------------------------|------------------------------|
| Oral       | Long-term exposure, systemic effects | 2 mg/kg bw/day (Ver)         |
|            | Acute, systemic effects              | 2 mg/kg/day (Ver)            |
| Dermal     | Long-term exposure, systemic effects | 11 mg/kg bw/day (Arb)        |
|            | Acute, local effects                 | 6 mg/kg bw/day (Ver)         |
| Inhalative | Acute, systemic effects              | 11 mg/kg (Arb)               |
|            | Long-term exposure, systemic effects | 6 mg/kg/day (Ver)            |
|            | Long-term exposure, local effects    | 300 mg/m <sup>3</sup> (Arb)  |
|            | Acute, systemic effects              | 35.7 mg/m <sup>3</sup> (Ver) |
|            | Acute, local effects                 | 600 mg/m <sup>3</sup> (Arb)  |
|            | Acute, local effects                 | 35.7 mg/m <sup>3</sup> (Ver) |
|            | Acute, systemic effects              | 300 mg/m <sup>3</sup> (Arb)  |
|            | Acute, local effects                 | 300 mg/m <sup>3</sup> (Ver)  |
|            | Acute, local effects                 | 600 mg/m <sup>3</sup> (Arb)  |
|            | Acute, local effects                 | 300 mg/m <sup>3</sup> (Ver)  |

**141-78-6 ethyl acetate**

|            |                                      |                               |
|------------|--------------------------------------|-------------------------------|
| Oral       | Long-term exposure, systemic effects | 4.5 mg/kg bw/day (Ver)        |
| Dermal     | Long-term exposure, systemic effects | 63 mg/kg bw/day (Arb)         |
|            | Acute, local effects                 | 37 mg/kg bw/day (Ver)         |
| Inhalative | Long-term exposure, systemic effects | 734 mg/m <sup>3</sup> (Arb)   |
|            | Long-term exposure, local effects    | 367 mg/m <sup>3</sup> (Ver)   |
|            | Acute, systemic effects              | 1,468 mg/m <sup>3</sup> (Arb) |
|            | Acute, local effects                 | 367 mg/m <sup>3</sup> (Ver)   |
|            | Acute, systemic effects              | 734 mg/m <sup>3</sup> (Arb)   |
|            | Acute, local effects                 | 734 mg/m <sup>3</sup> (Ver)   |
|            | Acute, local effects                 | 1,468 mg/m <sup>3</sup> (Arb) |
|            | Acute, local effects                 | 734 mg/m <sup>3</sup> (Ver)   |

**· PNECs****123-86-4 n-butyl acetate**

|      |   |
|------|---|
| PNEC | 0.18 mg/l (freshwater)                            |
|      | 0.018 mg/l (Marine Water)                         |
|      | 35.6 mg/l (sewage treatment plant microorganisms) |
|      | 0.36 mg/l (sporadic release)                      |
| PNEC | 0.0903 mg/kg (soil)                               |
|      | 0.981 mg/kg (sediment, freshwater)                |
|      | 0.0981 mg/kg (sediment, marine water)             |

**141-78-6 ethyl acetate**

|      |  |
|------|--|
| PNEC | 0.24 mg/l (freshwater)                           |
|      | 0.024 mg/l (Marine Water)                        |
|      | 650 mg/l (sewage treatment plant microorganisms) |
| PNEC | 1.15 mg/kg (freshwater)                          |
|      | 0.148 mg/kg (soil)                               |

(Contd. on page 5)

GB



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 9

Revision: 09.04.2021

Trade name: AMOTHERM WOOD 450 SB TOP - B

(Contd. of page 4)

0.115 mg/kg (sediment, marine water)

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**  
Keep away from foodstuffs, beverages and food.  
Take off immediately all contaminated clothing  
Wash hands during breaks and at the end of the work.
- **Breathing equipment:**
  - Face mask - term filter unit (EN 149 or EN 405):
  - FFP2/FFA2P2
  - Face mask - term filter unit (EN 140):
 Filter type A (gas and organic vapours - boiling point >65°C)  
Use breathing protection in case of insufficient ventilation.
- **Hand protection**  
Protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Fluorocarbon rubber (Viton)  
Rubber gloves  
Chloroprene rubber, CR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Tightly sealed safety glasses.
- **Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** Colourless
- **Odour:** Solvent-like
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** 77 °C (141-78-6 ethyl acetate)
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** 1.2 Vol % (123-86-4 n-butyl acetate)
- **Upper:** 11.5 Vol % (141-78-6 ethyl acetate)
- **Flash point:** <21 °C (141-78-6 ethyl acetate)
- **Self-inflammability:** Product is not selfigniting.
- **Decomposition temperature:** Not determined.
- **pH** Not determined.
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **dynamic:** Not determined.
- **Solubility**
- **Water:** Not miscible or difficult to mix
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure at 20 °C:** 75 hPa (141-78-6 ethyl acetate)

(Contd. on page 6)

GB

## Safety data sheet

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Version number 9

Revision: 09.04.2021

Trade name: AMOTHERM WOOD 450 SB TOP - B

(Contd. of page 5)

|  |   |
|--|---|
| · <b>Density and/or relative density</b>   |   |
| · <b>Density at 20 °C</b>  | 0.963 g/cm <sup>3</sup>   |
| · <b>Relative density</b>  | Not determined.   |
| · <b>Vapour density</b>  | Not determined.   |
| <b>9.2 Other information</b>   |   |
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Fluid   |
| · <b>Important information on protection of health and environment, and on safety.</b> |   |
| · <b>Ignition temperature:</b>   | 415 °C  |
| · <b>Explosive properties:</b>   | Product is not explosive. However, formation of explosive air/steam mixtures is possible. |
| · <b>Solvent content:</b>  |   |
| · <b>Organic solvents:</b>   | 71.2 %  |
| · <b>VOC (EU)</b>  | 712.5 g/l   |
| · <b>Solids content:</b>   | 28.8 %  |
| · <b>Change in condition</b>   |   |
| · <b>Evaporation rate</b>  | Not determined.   |
| <b>Information with regard to physical hazard classes</b>                              |   |
| · <b>Explosives</b>  | Void  |
| · <b>Flammable gases</b>   | Void  |
| · <b>Aerosols</b>  | Void  |
| · <b>Oxidising gases</b>   | Void  |
| · <b>Gases under pressure</b>  | Void  |
| · <b>Flammable liquids</b>   |   |
| Highly flammable liquid and vapour.  |   |
| · <b>Flammable solids</b>  | Void  |
| · <b>Self-reactive substances and mixtures</b>   | Void  |
| · <b>Pyrophoric liquids</b>  | Void  |
| · <b>Pyrophoric solids</b>   | Void  |
| · <b>Self-heating substances and mixtures</b>  | Void  |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b>     | Void  |
| · <b>Oxidising liquids</b>   | Void  |
| · <b>Oxidising solids</b>  | Void  |
| · <b>Organic peroxides</b>   | Void  |
| · <b>Corrosive to metals</b>   | Void  |
| · <b>Desensitised explosives</b>   | Void  |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**  
Harmful if inhaled.

#### LD/LC50 values that are relevant for classification:

##### 123-86-4 n-butyl acetate

|            |          |   |
|------------|----------|---|
| Oral       | LD50     | 10,760 mg/kg (rat)                                    |
| Dermal     | LD50     | >14,000 mg/kg (rab)                                   |
| Inhalative | LC50/4 h | >23.4 mg/l (rat) (OECD 403 Acute Inhalation Toxicity) |

(Contd. on page 7)

GB



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 9

Revision: 09.04.2021

Trade name: AMOTHERM WOOD 450 SB TOP - B

(Contd. of page 6)

**141-78-6 ethyl acetate**

|            |          |                   |
|------------|----------|-------------------|
| Oral       | LD50     | 5,620 mg/kg (rat) |
| Inhalative | LC50/4 h | 11.72 mg/l (rat)  |

**26471-62-5 m-tolylidene diisocyanate**

|            |          |                |
|------------|----------|----------------|
| Inhalative | LC50/4 h | 0.5 mg/l (ATE) |
|------------|----------|----------------|

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |                                       |            |
|---------------------------------------|------------|
| · <b>14.1 UN number or ID number</b>  |            |
| · <b>ADR, IMDG, IATA</b>              | UN1263     |
| · <b>14.2 UN proper shipping name</b> |            |
| · <b>ADR</b>                          | 1263 PAINT |
| · <b>IMDG, IATA</b>                   | PAINT      |

(Contd. on page 8)

GB

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 9

Revision: 09.04.2021

Trade name: AMOTHERM WOOD 450 SB TOP - B

(Contd. of page 7)

### · 14.3 Transport hazard class(es)

#### · ADR



· Class 3 (F1) Flammable liquids.  
· Label 3

#### · IMDG, IATA



· Class 3 Flammable liquids.  
· Label 3

· 14.4 Packing group II  
· ADR, IMDG, IATA

· 14.5 Environmental hazards: Not applicable.

· 14.6 Special precautions for user Warning: Flammable liquids.  
· Kemler Number: 33  
· EMS Number: F-E,S-E  
· Stowage Category B

· 14.7 Maritime transport in bulk according to IMO instruments Not applicable.

#### · Transport/Additional information:

· ADR  
· Limited quantities (LQ) 5L  
· Excepted quantities (EQ) Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml  
· Transport category 2  
· Tunnel restriction code D/E

· IMDG  
· Limited quantities (LQ) 5L  
· Excepted quantities (EQ) Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation": UN 1263 PAINT, 3, II

## SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008 GHS label elements
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
- National regulations  
The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.

(Contd. on page 9)

GB



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 9

Revision: 09.04.2021

**Trade name: AMOTHERM WOOD 450 SB TOP - B**

(Contd. of page 8)

· **Technical instructions (air):**

| Class | Share in % |
|-------|------------|
| I     | 0.1        |
| NK    | 71.3       |

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH204 Contains isocyanates. May produce an allergic reaction.

· **Department issuing data specification sheet:** Environment protection department.

· **Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 2: Acute toxicity – Category 2
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Resp. Sens. 1: Respiratory sensitisation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Carc. 2: Carcinogenicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

### Annex: Exposure scenario

· **Short title of the exposure scenario**

· **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

· **Product category** PC9a Coatings and paints, thinners, paint removers

· **Process category**

- PROC11 Non industrial spraying
- PROC10 Roller application or brushing
- PROC7 Industrial spraying

(Contd. on page 10)

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**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

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**Trade name: AMOTHERM WOOD 450 SB TOP - B**

(Contd. of page 9)

- **Description of the activities / processes covered in the Exposure Scenario**  
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure**  
Prevent material from reaching sewage system, holes and cellars.
- **Other operational conditions affecting worker exposure**  
Avoid contact with eyes.  
Avoid contact with the skin.  
Avoid long-term or repeated skin contact.  
Do not breathe gas/vapour/aerosol.  
Take precautionary measures against static discharge.  
Keep away from sources of ignition - No smoking.
- **Other operational conditions affecting consumer exposure** No special measures required.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures**  
Provide explosion-proof electrical equipment.  
Ensure that suitable extractors are available on processing machines
- **Personal protective measures**  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the skin.  
Avoid contact with the eyes.  
Tightly sealed safety glasses.  
Protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures**
- **Water** No special measures required.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

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