

## Safety data sheet

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

Printing date 09.04.2021

Version number 6


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 - A
- **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**
  - PROC10 Roller application or brushing
  - PROC11 Non industrial spraying
  - PROC7 Industrial spraying
- **Application of the substance / the mixture** Fireproofing coating
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  - J.F. AMONN srl div. Color
  - via cima i prà, 7
  - 32014 Ponte nelle Alpi (BL)
  - ITALIA
- **Informing department:** E-Mail: [verkauf@amonn.at](mailto:verkauf@amonn.at)
- **1.4 Emergency telephone number:**
  - Centro Antiveleni - Ospedale di Niguarda - Milano: +39 02 66101029
  - 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.
  - Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
- **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 GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**
  - ethylbenzene
  - Reaktiongemisch aus Ethylbenzol, m-Xylol und p-Xylol
- **Hazard statements**
  - H225 Highly flammable liquid and vapour.
  - H304 May be fatal if swallowed and enters airways.
- **Precautionary statements**
  - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
  - P331 Do NOT induce vomiting.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P405 Store locked up.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **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: 13674-84-5 EINECS: 237-158-7 Reg.nr.: 01-2119486772-26-0005	Tris (2-chlorometiletil)phosphate Acute Tox. 4, H302	10-25%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336, EUH066	5-10%
CAS: 100-41-4 EINECS: 202-849-4	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	3-7%
EC number: 905-562-9	Reaktiongemisch aus Ethylbenzol, m-Xylol und p-Xylol Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	3-7%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene, mixed isomers, pure Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	3-7%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	3-7%

- **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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
In case of unconsciousness bring patient into stable side position for transport.
- **After skin contact** The product is not skin irritating.
- **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.
- **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.

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- **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:

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

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

##### 100-41-4 ethylbenzene

WEL Short-term value: 552 mg/m<sup>3</sup>, 125 ppm  
Long-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Sk

##### 1330-20-7 xylene, mixed isomers, pure

WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 220 mg/m<sup>3</sup>, 50 ppm  
Sk; BMGV

##### 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

#### · DNELs

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

Oral Long-term exposure, systemic effects 2 mg/kg bw/day (Ver)

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

**Reaktionsgemisch aus Ethylbenzol, m-Xylol und p-Xylol**

Dermal	Long-term exposure, systemic effects	12.5 mg/kg bw/day (Ver)
	Long-term exposure, local effects	1,872 mg/kg bw/day (Ver)
Inhalative	Acute, systemic effects	3,182 mg/kg/day (Arb)
	Long-term exposure, local effects	221 mg/m <sup>3</sup> (Arb) 65.3 mg/m <sup>3</sup> (Ver)
	Acute, local effects	442 mg/m <sup>3</sup> (Arb) 260 mg/m <sup>3</sup> (Ver)

**1330-20-7 xylene, mixed isomers, pure**

Oral	Long-term exposure, systemic effects	1.6 mg/kg bw/day (Ver)
Dermal	Long-term exposure, systemic effects	180 mg/kg bw/day (Arb) 108 mg/kg bw/day (Ver)
	Long-term exposure, systemic effects	77 mg/m <sup>3</sup> (Arb) 14.8 mg/m <sup>3</sup> (Ver)
Inhalative	Acute, systemic effects	289 mg/m <sup>3</sup> (Arb) 174 mg/m <sup>3</sup> (Ver)
	Acute, local effects	289 mg/m <sup>3</sup> (Arb) 174 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) 37 mg/kg bw/day (Ver)
	Long-term exposure, systemic effects	734 mg/m <sup>3</sup> (Arb) 367 mg/m <sup>3</sup> (Ver)
Inhalative	Long-term exposure, local effects	1,468 mg/m <sup>3</sup> (Arb) 367 mg/m <sup>3</sup> (Ver)
	Acute, systemic effects	734 mg/m <sup>3</sup> (Arb) 734 mg/m <sup>3</sup> (Ver)
	Acute, local effects	1,468 mg/m <sup>3</sup> (Arb) 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)
PNEC	0.36 mg/l (sporadic release)
	0.0903 mg/kg (soil)
	0.981 mg/kg (sediment, freshwater)
	0.0981 mg/kg (sediment, marine water)

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<b>Reaktionsgemisch aus Ethylbenzol, m-Xylol und p-Xylol</b>	
PNEC	0.25 mg/l (freshwater) 0.25 mg/l (Marine Water)
PNEC	2.41 mg/kg (soil)
<b>1330-20-7 xylene, mixed isomers, pure</b>	
PNEC	0.327 mg/l (freshwater) 0.327 mg/l (Marine Water) 6.58 mg/l (sewage treatment plant microorganisms) 0.327 mg/l (sporadic release)
PNEC	2.31 mg/kg (soil) 12.46 mg/kg (sediment, freshwater) 12.46 mg/kg (sediment, marine water)
<b>141-78-6 ethyl acetate</b>	
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) 0.115 mg/kg (sediment, marine water)
<b>Ingredients with biological limit values:</b>	
<b>1330-20-7 xylene, mixed isomers, pure</b>	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

· **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.

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)

· **Hand protection**

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

PVC gloves

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.

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· **Body protection:** Light weight protective clothing**SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· **General Information**

· <b>Colour:</b>	According to product specification
· <b>Odour:</b>	Solvent-like
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Not determined
· <b>Boiling point or initial boiling point and boiling range</b>	77 °C
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	13 Vol %
· <b>Upper:</b>	15.3 Vol %
· <b>Flash point:</b>	25 °C
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>Water:</b>	Not miscible or difficult to mix
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	1.1 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

· **9.2 Other information**

· <b>Appearance:</b>	
· <b>Form:</b>	Liquid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	>400 °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>	32.4 %
· <b>VOC (EU)</b>	328.2 g/l
· <b>Solids content:</b>	67.6 %
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

· **Information with regard to physical hazard classes**

· <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

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· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	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** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

#### 13674-84-5 Tris (2-chlorometiletil)phosphate

Oral	LD50	500 mg/kg (ATE)
------	------	-----------------

#### 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)

#### 100-41-4 ethylbenzene

Oral	LD50	3,500 mg/kg (rat)
Dermal	LD50	17,800 mg/kg (rabbit)
Inhalative	LC50 1 h	11 mg/l (ATE)

#### Reaktiongemisch aus Ethylbenzol, m-Xylol und p-Xylol

Dermal	LD50	1,100 mg/kg (ATE)
Inhalative	LC50 1 h	11 mg/l (ATE)

#### 1330-20-7 xylene, mixed isomers, pure

Oral	LD50	4,300 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	29.57 mg/l (rat)

#### 141-78-6 ethyl acetate

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

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**  
May be fatal if swallowed and enters airways.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

541-02-6	decamethylcyclopentasiloxane	List II
556-67-2	octamethylcyclotetrasiloxane	List III

List II

List III

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### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

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

LC50 96 h	18 mg/l (fish)
LC50 21 d	43.5 mg/l (aquatic invertebrates)
LOEC 21 d	47.6 mg/l (aquatic invertebrates)
EC50 48 h	44 mg/l (aquatic invertebrates)
EC50 72h	246 mg/l (Alga)
EC50 96 h	18 mg/l (fish)
EC50 21 d	34.2 mg/l (aquatic invertebrates)
ErC50 48 h	392 mg/l (Alga)
ErC50 24 h	335 mg/l (Alga)
NOEC 21 d	23.2 mg/l (aquatic invertebrates)
NOEC 48 h	196 mg/l (Alga)
NOEC 24 h	196 mg/l (Alga)

**1330-20-7 xylene, mixed isomers, pure**

LC50 96 h	≥16.9 mg/l (fish)
EC50 48 h	1 mg/l (aquatic invertebrates)
IC50 72 h	2.2 mg/l (Microorganisms)

· **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**

For information on endocrine disrupting properties see section 11.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

### 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

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1263

· **14.2 UN proper shipping name**

· **ADR**

· **IMDG, IATA**

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### · 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

#### · ADR, IMDG, IATA

III

### · 14.5 Environmental hazards:

Not applicable.

### · 14.6 Special precautions for user

Warning: Flammable liquids.

#### · Kehler Number:

33

#### · EMS Number:

F-E,S-E

#### · Stowage Category

A

### · 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

#### · Transport/Additional information:

#### · ADR

· Limited quantities (LQ)  
· Excepted quantities (EQ)

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

#### · Transport category

3

#### · Tunnel restriction code

D/E

#### · IMDG

· Limited quantities (LQ)  
· Excepted quantities (EQ)

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

#### · UN "Model Regulation":

UN 1263 PAINT, 3, III

## 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.

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**Technical instructions (air):**

Class	Share in %
NK	47.2

- **Water hazard class:** Water hazard class 2 (Self-assessment): 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.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- EUH066 Repeated exposure may cause skin dryness or cracking.

- **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. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1

### 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**

PROC10 Roller application or brushing

PROC11 Non industrial spraying

PROC7 Industrial spraying

- **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

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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 - A

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- **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.  
Use only on hard ground.
- **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  
Use product only in enclosed systems.
- **Personal protective measures**  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the skin.  
Avoid contact with the eyes.  
Tightly sealed safety glasses.  
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
  - 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)
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures**
- **Water**  
No special measures required.  
Do not allow to reach sewage system.
- **Soil** Prevent contamination of soil.
- **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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