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

Printing date 10.03.2020 *Version number 4* *Revision: 10.03.2020*

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

· **1.1 Product identifier**

· **Trade name: AMOTHERM WOOD 450 SB - B (1:1)**
· **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** Catalyst for 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
· **Distributor:**
J.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.
tecnical department Color Division
phone: +39 0437 98411
email: laboratorio@amonncolor.com
· **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/) 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

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Aliphatisches Polyisocyanat

· **Hazard statements**
H225 Highly flammable liquid and vapour.
H332 Harmful if inhaled.
H319 Causes serious eye irritation.
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 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	50-70%
CAS: 9017-01-0	Benzene, 1,3-diisocyanatomethyl-, homopolymer Eye Irrit. 2, H319; Skin Sens. 1, H317	10-25%
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	10-25%
CAS: 28182-81-2 NLP: 500-060-2 Reg.nr.: 01-2119457571-37-001	Aliphatisches Polyisocyanat Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335	10-25%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	1.5-3%

· **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.

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· **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** CO2, 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

· **Additional information about design of technical systems:** No further data; see item 7.

· **8.1 Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
123-86-4 n-butyl acetate (50-70%)	
WEL	Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm

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141-78-6 ethyl acetate (10-25%)	
WEL	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm

108-65-6 2-methoxy-1-methylethyl acetate (1.5-3%)	
WEL	Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk

· **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)
		6 mg/kg bw/day (Ver)
	Acute, local effects	11 mg/kg (Arb)
	Acute, systemic effects	6 mg/kg/day (Ver)
Inhalative	Long-term exposure, systemic effects	300 mg/m³ (Arb)
		35.7 mg/m³ (Ver)
	Long-term exposure, local effects	600 mg/m³ (Arb)
		35.7 mg/m³ (Ver)
	Acute, systemic effects	300 mg/m³ (Arb)
		300 mg/m³ (Ver)
	Acute, local effects	600 mg/m³ (Arb)
		300 mg/m³ (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)
Inhalative	Long-term exposure, systemic effects	734 mg/m³ (Arb)
		367 mg/m³ (Ver)
	Long-term exposure, local effects	1,468 mg/m³ (Arb)
		367 mg/m³ (Ver)
	Acute, systemic effects	734 mg/m³ (Arb)
		734 mg/m³ (Ver)
	Acute, local effects	1,468 mg/m³ (Arb)
		734 mg/m³ (Ver)

108-65-6 2-methoxy-1-methylethyl acetate		
Oral	Long-term exposure, systemic effects	36 mg/kg bw/day (Ver)
Dermal	Long-term exposure, systemic effects	796 mg/kg bw/day (Arb)
		320 mg/kg bw/day (Ver)
Inhalative	Long-term exposure, systemic effects	275 mg/m³ (Arb)
		33 mg/m³ (Ver)
	Long-term exposure, local effects	33 mg/m³ (Ver)
	Acute, local effects	550 mg/m³ (Arb)

· **PNECs**

123-86-4 n-butyl acetate	
PNEC	0.18 mg/l (freshwater)
	0.018 mg/l (Marine Water)
	35.6 mg/l (sewage traetmant 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)

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	0.024 mg/l (Marine Water)
	650 mg/l (sewage traetmant plant microorganisms)
PNEC	1.15 mg/kg (freshwater)
	0.148 mg/kg (soil)
	0.115 mg/kg (sediment, marine water)
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC	0.635 mg/l (freshwater)
	0.0635 mg/l (Marine Water)
	100 mg/l (sewage traetmant plant microorganisms)
PNEC	0.29 mg/kg (soil)
	3.29 mg/kg (sediment, freshwater)
	0.329 mg/kg (sediment, marine water)

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**
· **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)
· **Protection of hands:**
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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye 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**
· **Appearance:**

Form:	Fluid
Colour:	Colourless
· **Odour:**	Solvent-like
· **Odour threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	77 °C

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· **Flash point:**	<21 °C
· **Inflammability (solid, gaseous)**	Not applicable.
· **Ignition temperature:**	415 °C
· **Decomposition temperature:**	Not determined.
· **Self-inflammability:**	Product is not selfigniting.
· **Explosive properties:**	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· **Critical values for explosion:**	
Lower:	1.2 Vol %
Upper:	11.5 Vol %
· **Vapour pressure at 20 °C:**	75 hPa
· **Density at 20 °C**	0.99 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Not miscible or difficult to mix
· **Partition coefficient: n-octanol/water:**	Not determined.
· **Viscosity:**	
dynamic:	Not determined.
kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	71.2 %
VOC (EU)	712.5 g/l
Solids content:	28.8 %
· **9.2 Other information**	No further relevant information available.

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 toxicological effects**
· **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)
141-78-6 ethyl acetate		
Oral	LD50	5,620 mg/kg (rat)
Inhalative	LC50/4 h	11.72 mg/l (rat)
28182-81-2 Aliphatisches Polyisocyanat		
Inhalative	LC50 1 h	1.5 mg/l (ATE)

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108-65-6 2-methoxy-1-methylethyl acetate		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	37.5 mg/l (rat)

· **Primary irritant effect:**
· **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.
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
· **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.

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)
28182-81-2 Aliphatisches Polyisocyanat	
LL0 96 h	>100 mg/l (fish)
EL50 48 h	>100 mg/l (aquatic invertebrates)
108-65-6 2-methoxy-1-methylethyl acetate	
LC50 96 h	180 mg/l (fish)
LC50 14 d	63.5 mg/l (fish)
LOEC 96 h	>1,000 mg/l (Alga)
EC50 48 h	>500 mg/l (aquatic invertebrates)
EC50 21 d	>100 mg/l (aquatic invertebrates)
ErC50 96 h	>1,000 mg/l (Alga)
Wachstum (EbCx) 10% 30 min	>1,000 mg/l (Microorganisms)
NOEC 96 h	100 mg/l (fish)
NOEC 14 d	47.5 mg/l (fish)

· **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.
· **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.

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· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Other adverse effects** No further relevant information available.

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.

· **European waste catalogue**	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN-Number**
· **ADR, IMDG, IATA** UN1263

· **14.2 UN proper shipping name**
· **ADR** 1263 PAINT
· **IMDG, IATA** PAINT

· **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** II

· **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 Transport in bulk according to Annex II of Marpol and the IBC Code** 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

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· **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
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **National regulations**
The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.

· **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.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

· **Department issuing data specification sheet:** Environment protection department.
· **Abbreviations and acronyms:**
ADR: Accord européen sur le transport 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 - inhalation – Category 4
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1

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STOT SE 3: Specific target organ toxicity (single exposure) – 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
· ***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.
- 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)
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.*