Version number 34 (replaces version 33) Printing date 01.12.2023 Revision: 01.12.2023

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

· 1.1 Product identifier

· Trade name: AMOTHERM WOOD WB

· UFI: GCD0-T0W2-G004-WSWG

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Sector of Use

Professional uses

Industrial uses

- · Product category Coatings and paints, thinners, paint removers
- Process category

Roller application or brushing

Non industrial spraying

Industrial spraying

- Application of the substance / the mixture Paint
- · Uses advised against Only for the uses indicated in the Data Sheet
- · 1.3 Details of the supplier of the safety data sheet

Supplier:

J.F. AMONN srl/GmbH

I-39100 BOLZANO / BOZEN

Via Altmann - Str 12 (ITALY)

Tel. +39 0437 984 11 Fax. +39 0437 990271

- · E-mail address of the person responsible for SDS: sds@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 Ireland: Members of Public: Members of Public: +353 (01) 809 2166. (8.00 a.m. to 10.00 p.m.

7 davs a week)

Healthcare Professionals: +353 (01) 809 2566 (24 hour service)

In Malta: 112

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

Repr. 2 H361f Suspected of damaging fertility.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

- · 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



GHS08

- · Signal word Warning
- · Hazard-determining components of labelling:

Melamine

· Hazard statements

H351 Suspected of causing cancer. Route of exposure: Inhalation.

H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Do not breathe dust/fume/gas/mist/vapours/spray. P260

P280 Wear protective gloves / eye protection / face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

P405 Store locked up.

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

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Additional information:

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- EUH208 Contains Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2Hisothiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
- · 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:	
108-78-1	Melamine Carc. 2, H351; Repr. 2, H361f; STOT RE 2, H373	10-15%
2634-33-5	1,2-benzisothiazol-3(2H)-one Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0,05 %	<0,016%
55965-84-9	Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C; H314: $C \ge 0,6$ % Skin Irrit. 2; H315: $0,06$ % $\le C < 0,6$ % Eye Dam. 1; H318: $C \ge 0,6$ % Eye Irrit. 2; H319: $0,06$ % $\le C < 0,6$ % Skin Sens. 1A; H317: $C \ge 0,0015$ %	

·SVHC

108-78-1 Melamine

• 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.
- · After inhalation Supply fresh air; consult doctor in case of symptoms.
- 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

CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

· 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

- 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

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SECTION 6: Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Not required.
- **6.2 Environmental precautions:** Dilute with much water.
- · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

No dangerous materials are released.

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.
- Information about protection against explosions and fires: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage
- · Requirements to be met by storerooms and containers: Store only in the original container.
- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- · Storage class 10
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

Components with I	limit values that require monitoring at the workplace:
115-77-5 pentaeryt	hritol (5-10%)
WEL (Great Britain)	Short-term value: 20* mg/m³ Long-term value: 10* 4** mg/m³ *inhalable dust **respirable dust
OEL (Ireland)	Short-term value: 20* mg/m³ Long-term value: 10* 4** mg/m³ *total inhalable **respirable dust

•	DI	NE	ΞL	S
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	Melamine	
Dermal	Long-term exposure, systemic effects	11,8 mg/kg bw/day (no definition)

Acute, systemic effects 117 mg/kg/day (no definition) Inhalative Long-term exposure, systemic effects 8,3 mg/m³ (no definition) 82,3 mg/m³ (no definition) Acute, systemic effects

· PNECs

108-78-1 Melamine

PNEC 2 mg/l (PNEiintermittent) 0,51 mg/l (freshwater) 0.051 mg/l (Marine Water) PNEC 0,206 mg/kg (soil) 2,524 mg/kg (sediment, freshwater) 0,252 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 section 7.
- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures
- Wash hands during breaks and at the end of the work.
- · Breathing equipment: Use breathing protection in case of insufficient ventilation.

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· Hand protection

(Contd. of page 3)

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

Nitrile rubber, NBR Strong gloves

PVC or PE 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- · Eye/face protection Safety glasses recommended during refilling.
- · Body protection: Light weight protective clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

General Information

Physical stateColour:FluidWhite

Odour: Weak, characteristic
 Odour threshold: Not determined.
 Melting point/freezing point: Not determined

Boiling point or initial boiling point and

boiling range 100 °C (7732-18-5 Wasser)

· Flammability Not applicable.

· Lower and upper explosion limit

Lower: Not determined.Upper: Not determined.

• Flash point: 240 °C (115-77-5 pentaerythritol) • Auto-ignition temperature: 390 °C (115-77-5 pentaerythritol)

Decomposition temperature: Not determined.

pH at 20 °C 7,5

Viscosity:

• Kinematic viscosity
• dynamic at 20 °C:

Not determined.
30.000 mPas

Solubility

· Water: Partly miscible

· Partition coefficient n-octanol/water (log

value) Not determined.

Vapour pressure at 20 °C: 23 hPa (7732-18-5 Wasser)

Density and/or relative density

Density at 20 °C
 Relative density
 Vapour density
 1,35 g/cm³
 Not determined.
 Not determined.

9.2 Other information

· Appearance:

Form: Fluid

Important information on protection of health

and environment, and on safety.

• Self-inflammability:
• Explosive properties:

Product is not selfigniting.
Product is not explosive.

Solvent content:

• Organic solvents: 0,1 %
• Water: 31,2 %
• Solids content: 68,7 %

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		(Contd. of page
Change in condition Evaporation rate	Not determined.	
•		
Information with regard to physical haz classes	ard	
Explosives	not applicable	
Flammable gases	not applicable	
Aerosols	not applicable	
Oxidising gases	not applicable	
Gases under pressure	not applicable	
Flammable liquids	not applicable	
Flammable solids	not applicable	
Self-reactive substances and mixtures	not applicable	
Pyrophoric liquids	not applicable	
Pyrophoric solids	not applicable	
Self-heating substances and mixtures	not applicable	
Substances and mixtures, which emit	.,	
flammable gases in contact with water	not applicable	
Oxidising liquids	not applicable	
Oxidising solids	not applicable	
Organic peroxides	not applicable	
Corrosive to metals	not applicable	
Desensitised explosives	not applicable	

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.

· Acute tox	icity Dase	d on available data, the classification chiena are not met.
· LD/LC50	values tha	nt are relevant for classification:
108-78-1 I	Melamine	
Oral	LD50	3.161 mg/kg (rat)
Dermal	LD50	>1.000 mg/kg (rabbit)
2634-33-5	1,2-benzi	sothiazol-3(2H)-one
Oral	LD50	500 mg/kg (ATE)
Inhalative	LC50 1 h	0,05 mg/l (ATE)
55965-84-		n mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-
	isothiaz	ol-3-one (3:1)
Oral	LD50	5.500 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rat)
Inhalative	LC50 1 h	0,5 mg/l (ATE)

- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eve 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

Remarks:

According to Commission Regulation (EU) 2020/217 the titanium dioxide to be classified must be in powder form and contain 1% or more particles with an aerodynamic diameter ≤10ìm. Data received from our raw material suppliers show that classification is not necessary.

Suspected of causing cancer. Route of exposure: Inhalation.

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- · Reproductive toxicity Suspected of damaging fertility.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.
- 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

· 12.1 OXICI	ry
· Aquatic tox	cicity:
108-78-1 Me	elamine
LL0 96 h	0,51 mg/l (Aqua)
2634-33-5 1	,2-benzisothiazol-3(2H)-one
LC50 96 h	2,18 mg/l (fish)
EC50 48 h	2,94 mg/l (aquatic invertebrates)
ErC50 72 h	0,11 mg/l (algae)
	Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-
	isothiazol-3-one (3:1)
EC50 48 h	0,0052 mg/l (algae)
	0,1 mg/l (aquatic invertebrates)
EC50 72h	0,048 mg/l (algae)
EC50 96 h	0,22 mg/l (fish)
NOEC 72 h	0,0012 mg/l (algae)
NOEC 21 d	0,004 mg/l (aquatic invertebrates)
NOEC 48 h	0,00064 mg/l (algae)
NOEC 28 d	0,098 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.
- · 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

Reuse if possible. Product residues are to be considered special hazardous waste. The hazardousness of wastes that contain this product in part must be evaluated according to current legal regulations.

Disposal must be entrusted to a licensed waste management company in accordance with national and, if applicable, local regulations.

The legal responsibility for disposal is the responsibility of the manufacturer/holder of the waste. Different EWC (European Waste Code) codes may be applied to this mixture depending on the specific circumstances that generated the waste, possible alterations and contamination.

specific circumstances that generated the waste, possible alterations and contamination. Product as such, off-specification in its original packaging, or decanted into a suitable container for disposal as waste, or product in specification but no longer usable (e.g., as a result of an accidental spillage), is to be classified with an EWC code compatible with the use description given in Section 1.2.

The appropriate final destination of the waste will be evaluated by the producer according to the chemical and physical characteristics of the waste compatible with the authorized facility to which it (Contd. on page 7)

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will be delivered for recovery, treatment, or final disposal in accordance with the regulations in force. Disposal through discharge to wastewater is not permitted.

For hazardous substances registered according to EC Regulation 1907/2006 (REACH) for which a chemical safety report has been prepared refer to the specific information contained in the exposure scenarios attached to this SDS.

· European waste catalogue

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

- Uncleaned packagings:
- Recommendation:

Contaminated packaging must be sent, properly labeled, for recovery or disposal in accordance with national waste management regulations and is to be classified with the following EWC code: 15 01 10*: packaging containing residues of or contaminated by dangerous substances

· Recommended cleaning agent: Water, if necessary with cleaning agent.

14.1 LIN number of ID number		
14.1 UN number or ID number ADR/RID, IMDG, IATA	not applicable	
14.2 UN proper shipping name ADR/RID, ADN, IMDG, IATA	not applicable	
14.3 Transport hazard class(es)		
ADR/RID, ADN, IMDG, IATA Class	not applicable	
14.4 Packing group ADR/RID, IMDG, IATA	not applicable	
14.5 Environmental hazards: Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	
14.7 Maritime transport in bulk accordi IMO instruments	ng to Not applicable.	
UN "Model Regulation":	not applicable	

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Regulation (EU) No 528/2012 concerning biocidal products: Relevant
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

 Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

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· National regulations

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

- · 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

This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

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.

• Text of the hazard statements (H) cited in sections 2-3 of the sheet:

H301 Toxic if swallowed. H302 Harmful if swallowed. H310 Fatal 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. H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H351 Suspected of causing cancer. H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

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

Carcinogenicity The classification of the mixture is generally Reproductive toxicity based on the calculation method using Specific target organ toxicity (repeated exposure) substance data according to Regulation (EC) No 1272/2008.

- · Department issuing data specification sheet: Environment protection department.
- Date of previous version: 18.01.2023 · Version number of previous version: 33
- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
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

GHS. Globally Harmonised System of Classification and Labelling of Chemical 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) 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 SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Skin Sens. 1: Skin sensitisation - Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A

Carc. 2: Carcinogenicity – Category 2 Repr. 2: Reproductive toxicity – Category 2 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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· * Data compared to the previous version altered.

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Annex: Exposure scenario

- · Short title of the exposure scenario
- Sector of Use

Professional uses

Industrial uses

- · Product category Coatings and paints, thinners, paint removers
- Process category

Roller application or brushing

Non industrial spraying

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 Dilute with much water.
- · Other operational conditions affecting consumer exposure Not 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 No special measures required.
- · Personal protective measures

No special measures required. Do not inhale gases / fumes / aerosols.

· Measures for consumer protection

No special measures required.

Ensure adequate labelling.

- · Environmental protection measures
- Air No special measures required.
- · Water No special measures required.
- Disposal measures

Disposal must be made according to official regulations.

Ensure that waste is collected and contained.

Disposal procedures

Dispose of product residues with household waste.

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.