



Trade name: Marabu Textil Painter plus 031, 3mm

Version: 5 /

Date revised: 04.02.2020

Substance number: 01180003031

Replaces Version: 4 / WORLD

Print date: 07.09.20

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

### **1.1. Product identifier**

Marabu Textil Painter plus 031, 3mm

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

#### **Use of the substance/preparation**

Paint

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

#### **Address/Manufacturer**

Marabu GmbH & Co. KG  
Asperger Strasse 4  
71732 Tamm  
Germany  
Telephone no. +49-7141/691-0  
Fax no. +49-7141/691-147  
Information provided by / telephone Department product safety  
E-mail address of person responsible for this SDS PRSI@marabu.com

### **1.4. Emergency telephone number**

(+49) (0)621-60-43333

## **SECTION 2: Hazards identification \*\*\***

### **2.1. Classification of the substance or mixture**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

EUH208 Contains \*\*\* A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1), 1,2-Benzisothiazol-3(2h)-one, May produce an allergic reaction.

#### **Supplemental information**

#### **Labelling according to regulation (EU) No 528/2012 \*\*\***

Contains a biocidal product: A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1)

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **SECTION 3: Composition/information on ingredients \*\*\***

### **3.2. Mixtures**

#### **Chemical characterization**

Paint based on water

#### **Hazardous ingredients \*\*\***

1,2-Benzisothiazol-3(2h)-one



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CAS No. 2634-33-5  
 EINECS no. 220-120-9  
 Concentration < 0,05 %

Classification (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	H400
Skin Sens. 1	H317
Acute Tox. 4	H302
Skin Irrit. 2	H315
Eye Dam. 1	H318
Acute Tox. 2	H330
Aquatic Chronic 2	H411

Concentration limits (Regulation (EC) No. 1272/2008)

Skin Sens. 1	H317	>= 0,05
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**A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1)**

CAS No. 55965-84-9  
 Concentration >= 0,001 < 0,0015 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 2	H330
Aquatic Chronic 1	H410
Aquatic Acute 1	H400
Skin Sens. 1A	H317
Skin Corr. 1C	H314
Acute Tox. 2	H310
Acute Tox. 3	H301

Concentration limits (Regulation (EC) No. 1272/2008)

Skin Corr. 1C	H314	>= 0,6
Eye Irrit. 2	H319	<= 0,06 < 0,6
Skin Irrit. 2	H315	<= 0,06 < 0,6
Skin Sens. 1	H317	>= 0,0015
Aquatic Acute 1	H410	M = 100
Aquatic Chronic	H410	M = 100

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After skin contact

Wash with plenty of water and soap. Do NOT use solvents or thinners.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

#### After ingestion

Rinse mouth thoroughly with water. If larger amounts are swallowed or in the event of symptoms take medical treatment.

### 4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

### 4.3. Indication of any immediate medical attention and special treatment needed

#### Hints for the physician / treatment

Treat symptomatically



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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Carbon dioxide, Foam, Sand, Water

### **5.2. Special hazards arising from the substance or mixture**

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); dense black smoke

### **5.3. Advice for firefighters**

#### **Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

No particular measures required.

### **6.2. Environmental precautions**

No particular measures required.

### **6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent - avoid use of solvents.

### **6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area.

#### **Advice on protection against fire and explosion**

No special measures required.

#### **Classification of fires / temperature class / Ignition group / Dust explosion class**

Classification of fires                      B (Combustible liquid substances)

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

Store in frostfree conditions.

### **7.3. Specific end use(s)**

Paint

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

### **8.1. Control parameters**

#### **Other information**

There are not known any further control parameters.

### **8.2. Exposure controls**

#### **Exposure controls**



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Provide adequate ventilation.

**Respiratory protection**

Not necessary.

**Hand protection**

Not necessary.

In case of intensive contact wear protective gloves.

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

For prolonged or repeated handling nitrile rubber gloves with textile undergloves are required.

Material thickness > 0,5 mm

Breakthrough time < 30 min

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

**Eye protection**

Not necessary.

**Body protection**

Not applicable.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Form</b>	liquid
<b>Colour</b>	coloured
<b>Odour</b>	odourless
<b>Odour threshold</b>	
Remarks	No data available
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Initial boiling point and boiling range</b>	
Remarks	Not applicable
<b>Flash point</b>	
Remarks	Not applicable
<b>Evaporation rate (ether = 1) :</b>	
Remarks	not determined
<b>Flammability (solid, gas)</b>	
Remarks	Not applicable
<b>Upper/lower flammability or explosive limits</b>	
Remarks	not determined
<b>Vapour pressure</b>	
Value	appr. 23 hPa
Temperature	20 °C



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Method Value taken from the literature

**Vapour density**

Remarks not determined

**Density**Value 1,0 to 1,3 g/cm<sup>3</sup>

Temperature 20 °C

Method DIN EN ISO 2811

**Solubility in water**

Remarks miscible

**Ignition temperature**

Remarks not determined

**Viscosity**

Remarks

Remarks not determined

**9.2. Other information****Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components)****1,2-Benzisothiazol-3(2h)-one**Species rat  
LD50 1193 mg/kg**Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)****1,2-Benzisothiazol-3(2h)-one**

Species rat



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LD50 4115 mg/kg

**Acute inhalational toxicity**

Remarks Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

Remarks Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Remarks Based on available data, the classification criteria are not met.

**Sensitization**

Remarks Based on available data, the classification criteria are not met.

**Mutagenicity**

Remarks Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity**

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks Based on available data, the classification criteria are not met.

**Repeated exposure**

Remarks Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Experience in practice**

Provided all the recommended protective and safety precautions are taken, experience shows that no risk to health can be expected.

**Other information**

There are no data available on the mixture itself.

The mixture has been assessed following the additivity method of the CLP Regulation (EC) No 1272/2008 and classified for toxicological hazards accordingly.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

There are no data available on the mixture itself. Do not allow to enter drains or water courses. The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.

**Fish toxicity (Components)****A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1)**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
LC50	0,188		mg/l
Duration of exposure	96	h	

**1,2-Benzisothiazol-3(2h)-one**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
LC50	2,18		mg/l
Duration of exposure	96	h	

**Daphnia toxicity (Components)**



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Species	Daphnia magna	
EC50	0,126	mg/l
Duration of exposure	48	h

**1,2-Benzisothiazol-3(2h)-one**

Species	Daphnia magna	
EC50	2,94	mg/l
Duration of exposure	48	h

**Algae toxicity (Components)**

**A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1) / C(M)IT/MIT (3:1)**

Species	Selenastrum capricornutum	
EC50	0,027	mg/l
Duration of exposure	72	h

**1,2-Benzisothiazol-3(2h)-one**

Species	Pseudokirchneriella subcapitata	
ErC50	0,11	mg/l
Duration of exposure	72	h

**12.2. Persistence and degradability**

**General information**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

**General information**

There are no data available on the mixture itself.

**12.4. Mobility in soil**

**General information**

There are no data available on the mixture itself.

**12.5. Results of PBT and vPvB assessment**

**General information**

There are no data available on the mixture itself.

**12.6. Other adverse effects**

**General information**

There are no data available on the mixture itself.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations for the product**

Do not allow to enter drains or water courses.  
 Dispose of waste according to applicable legislation.  
 Dispose of as hazardous waste.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste.  
 Completely emptied packagings can be given for recycling.

**SECTION 14: Transport information**

Safety data sheet in accordance with regulation (EC) No 1907/2006



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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.-	The product does not constitute a hazardous substance in sea transport.-	The product does not constitute a hazardous substance in air transport.-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Subsidiary risk		-	-
Label			
14.4. Packing group	-	-	-
Transport category	0		
14.5. Environmental hazards	-	no	-

**Information for all modes of transport**

**14.6. Special precautions for user**

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Other information**

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

no

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Other information**

The product does not contain substances of very high concern (SVHC).

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

**Hazard statements listed in Chapter 3**

- 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.
- H330 Fatal if inhaled.





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H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

**CLP categories listed in Chapter 3**

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, Category 1A

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.  
 The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.