

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

Trade name: Marabu-Contours&Effects 579, 25 ml

Version: 4 / GB

Date revised: 25.03.2015

Substance number: 178209579

Replaces Version: 3 / GB

Print date: 28.03.15

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Marabu-Contours&Effects 579, 25 ml

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/preparation**

Paint

Identified Uses

SU21

Consumer uses: Private households (= general public = consumers)

PC9a

Coatings and paints, thinners, paint removers

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

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

PRSI@marabu.de

for this SDS

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.

This product is not classified hazardous in accordance with EC directives.

2.2. Label elements**Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

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 acrylic resins and on water

Hazardous ingredients *****Bronopol (INN)**

CAS No.

52-51-7

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EINECS no. 200-143-0
 Concentration >= 0,01 < 0,1 %
 Classification Xn, R21/22
 Xi, R37/38-R41
 N, R50

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

Eye Dam. 1 H318
 Skin Irrit. 2 H315
 STOT SE 3 H335
 Acute Tox. 4 H302
 Acute Tox. 4 H312
 Aquatic Acute 1 H400

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

M = 10

Pyrithione zinc

CAS No. 13463-41-7
 EINECS no. 236-671-3
 Registration no. 01-2119511196-46
 Concentration >= 0,01 < 0,025 %
 Classification T, R23
 Xi, R41
 N, R50
 Xn, R22

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

Acute Tox. 3 H301
 Acute Tox. 3 H331
 Eye Dam. 1 H318
 Aquatic Acute 1 H400
 Aquatic Chronic 1 H410

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

Aquatic Acute 1 H400 M = 100
 Aquatic Chronic 1 H410 M = 10
 1

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 dioxide (CO₂); Carbon monoxide (CO); 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.

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

Provide adequate ventilation.

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Form	Viscous		
Colour	coloured		
Odour	odourless		
Odour threshold			
Remarks	No data available		
pH value			
Value	8	to	10
Temperature	20	°C	
Method	WTW PH 340		
Melting point			
Remarks	not determined		
Freezing point			
Remarks	not determined		
Initial boiling point and boiling range			
Value	appr. 100		°C
Pressure	1.013	hPa	
Source	Literature value		
Flash point			
Remarks	Not applicable		
Evaporation rate (ether = 1) :			
Remarks	not determined		
Flammability (solid, gas)			
Remarks	Not applicable		
Upper/lower flammability or explosive limits			
Remarks	not determined		
Vapour pressure			
Value	appr. 23		hPa
Temperature	20	°C	
Method	Value taken from the literature		
Vapour density			
Remarks	not determined		
Density			
Value	1,050		g/cm ³
Temperature	20	°C	
Method	DIN EN ISO 2811		
Solubility in water			
Remarks	miscible		
Ignition temperature			
Remarks	not determined		
Viscosity			
dynamic			
Value	8000	to	13000 mPa.s
Temperature	20	°C	
Method	Brookfield		

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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****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 not classified.

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.

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**

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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

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

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

Land transport ADR/RID

Non-dangerous goods

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class -

Label -

14.4. Packing group

Packing group -

14.5. Environmental hazards

-

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class -

Subsidiary risk -

14.4. Packing group

Packing group -

14.5. Environmental hazards

no

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

14.1. UN number

UN -

14.2. UN proper shipping name

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14.3. Transport hazard class(es)

Class -

Subsidiary risk -

14.4. Packing group

Packing group -

14.5. Environmental hazards

-

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 MARPOL73/78 and the IBC Code**

no

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC**

VOC (EU) 0,07 % 0,7 g/l

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**R-phrases listed in Chapter 3**

21/22	Harmful in contact with skin and if swallowed.
22	Harmful if swallowed.
23	Toxic by inhalation.
37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.
50	Very toxic to aquatic organisms.

Hazard statements listed in Chapter 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

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

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Eye Dam. 1
Skin Irrit. 2
STOT SE 3

Serious eye damage, Category 1
Skin irritation, Category 2
Specific target organ toxicity - single exposure, Category 3

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.