

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

Trade name: Marabu-Contours&amp;Effects 787, 25 ml

Version: 4 / GB

Date revised: 25.03.2015

Substance number: 178209787

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&amp;Effects 787, 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 &amp; Co. KG

Asperger Strasse 4

71732 Tamm

Germany

Telephone no. +49-7141/691-0

Fax no. +49-7141/691-147

Information provided Department product safety

by / telephone

E-mail address of PRSI@marabu.de

person responsible

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 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.

**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**

<b>Form</b>	Viscous			
<b>Colour</b>	coloured			
<b>Odour</b>	odourless			
<b>Odour threshold</b>	No data available			
Remarks				
<b>pH value</b>				
Value	8	to	10	
Temperature	20	°C		
Method	WTW PH 340			
<b>Melting point</b>	not determined			
Remarks				
<b>Freezing point</b>	not determined			
Remarks				
<b>Initial boiling point and boiling range</b>				
Value	appr. 100			°C
Pressure	1.013	hPa		
Source	Literature value			
<b>Flash point</b>	Not applicable			
Remarks				
<b>Evaporation rate (ether = 1) :</b>	not determined			
Remarks				
<b>Flammability (solid, gas)</b>	Not applicable			
<b>Upper/lower flammability or explosive limits</b>	not determined			
Remarks				
<b>Vapour pressure</b>				
Value	appr. 23			hPa
Temperature	20	°C		
Method	Value taken from the literature			
<b>Vapour density</b>	not determined			
Remarks				
<b>Density</b>				
Value	1,060			g/cm <sup>3</sup>
Temperature	20	°C		
Method	DIN EN ISO 2811			
<b>Solubility in water</b>	miscible			
Remarks				
<b>Ignition temperature</b>	not determined			
Remarks				
<b>Viscosity</b>				
<b>dynamic</b>				
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 % 0 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.