



Trade name: Marabu Glas

00770-XXXX

Version: 1 / US

Date revised: 20.05.2016

Substance number: 130690xxxxx

Replaces Version: 0 / US

Print date: 20.05.16

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

1.1. Product identifier

Marabu Glas

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

Marabu GmbH & 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 according to OSHA Hazardous Communication Standard.

2.2. Label elements

Labelling according to OSHA Hazard Communication Standard 29 CFR 1910:1200

The product does not require a hazard warning label according to OSHA Hazardous Communication Standard.

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

3-Butoxypropan-2-ol

CAS No. 5131-66-8

EINECS no. 225-878-4

Concentration >= 1 < 10 %



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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

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 (CO₂); 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.



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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.

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

Form	liquid
Colour	coloured
Odour	solvent-like
Odour threshold	
Remarks	No data available
pH value	
Value	8 to 9
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)	
Not applicable	
Upper/lower flammability or explosive limits	
Lower explosion limit	appr. 0,6 % (V)
Upper explosion limit	appr. 20,4 % (V)
Source	Literature value



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Vapour pressure

Value appr. 23 hPa
 Temperature 20 °C
 Method Value taken from the literature

Vapour density

Remarks not determined

Density

Value 1,0 - 1,1 g/cm³
 Temperature 20 °C
 Method DIN EN ISO 2811

Solubility in water

Remarks miscible

Ignition temperature

Value appr. 189 °C
 Source Literature value

Viscosity

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****Aspiration hazard**

No special hazards have to be mentioned.



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Experience in practice

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Other information

There are no data available on the mixture itself.
The mixture has been assessed following the conventional method of the OSHA Hazardous Communication Standard 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.

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

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.



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SECTION 14: Transport information

Ground transport DOT

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 -

Transport category 0

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

-

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



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SECTION 15: Regulatory information

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

Regulatory status

This product has been evaluated by a toxicologist and labelled for acute and chronic health hazards in accordance with the Labelling of Hazardous Art Materials Regulation and Federal Regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act. Label elements required:

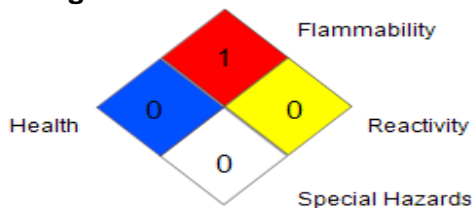
CAUTION! EYE CONTACT MAY IRRITATE. REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTION .

Contains: ISOTHIAZOLINONES, GLYCOL ETHERS. Avoid eye and skin contact. Wash thoroughly after handling. Eye contact: Immediately flush eyes with water for 15 minutes. Skin contact: Wash with soap and water. Call a physician. KEEP OUT OF THE REACH OF CHILDREN. Conforms to ASTM D-4236

TSCA Inventory

All components are contained in the TSCA inventory or exempted.

NFPA Rating Information



HMIS® Rating Information

Health	0
Flammability	1
Physical Hazard	0
Personal Protection	

SECTION 16: Other information

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.