

EC safety data sheet (91/155 EEC)

Trade name: AQUA-GLOSS VARNISH

Status: 01.12.02

Product no.: 1135xx000

Version : 1 / GB

Date of printing : 18.02.2003

1.) Identification of the substance/preparation and company

Product details

Trade name

AQUA-GLOSS VARNISH

Identification of the manufacturer / supplier

Address

Marabuwerke GmbH & Co. KG
Asperger Straße 4
D-71732 Tamm

Telephone no. 07141/691-0

Fax no. 07141/691-235

Information provided by / telephone

Product safety +49 7141/691-116 or 232

Emergency telephone number

Product safety +49 7141/691-116 or 232

Use

Hobby varnish

2.) Composition / information on ingredients

Hazardous ingredients

BUTANOL

CAS no. 71-36-3

EINECS no. 200-751-6

Concentration ≥ 1 < 5 %-b.w.

Classification R10

Xn;R22

Xi;R37/38-41

R67

Propylene glycol-1,2

CAS no. 57-55-6

EINECS no. 200-338-0

Concentration ≥ 1 < 5 %-b.w.

3.) Hazards possibilities

Particular information pertaining specific risk for human / environment

None known.

4.) First aid measures

After skin contact

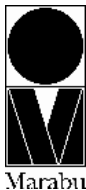
Wash away with soap and water and rinse. Do NOT use solvents or thinners!

After eye contact

Flush with plenty of water (10 - 15 min.).

After ingestion

Call a doctor.



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5.) Fire-fighting measures

Suitable extinguishing media

Carbon dioxide, foam, sand, water.

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases

Material supports the burning only after evaporation of the watery content.

6.) Accidental release measures

Personal precautions

No particular measures required.

Environmental precautions

No particular measures required.

Methods for cleaning up/taking up

Wash off exhausted ink with cleaning cloths. Wash away or put into household refuse.

7.) Handling and storage

Handling

Advice on safe handling

none

Advice on protection against fire and explosion

Material supports the burning only after evaporation of the watery content.

Storage

Requirements for storage rooms and vessels

Store in frostfree conditions. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8.) Exposure controls / personal protection

Additional hints on technical system design.

No particular measures required.

Ingredients with occupational exposure limits to be monitored

BUTANOL

OES/EH40

STEL

50 ml/m³

154 mg/m³

Skin resorption /
sensibilisation

Sk

Propylene glycol-1,2

OES/EH40

vapour and dust

OES/EH40

Dust

9.) Physical and chemical properties

Appearance

Form

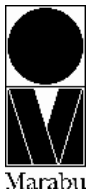
liquid

Colour

clear, colourless

Odour

neutral



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Safety data

Changes in physical state

Type	Boiling point:	
Value	100	°C
Reference substance	(water)	

Vapour pressure

Value	23		hPa
Reference temperature	20	°C	
Reference substance	(water)		

Density

Value	1,02		g/cm ³
Reference temperature	20	°C	

Solubility in water

Remarks	mixable
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pH value

Value	9	-	9,5
Reference temperature	20	°C	

Other information

The physical specifications are approximate values and refer to the used safety relevant component(s).

10.) Stability and reactivity

Conditions to avoid

None known.

Materials to avoid

None known.

Hazardous decomposition products

None, if handled according to order.

11.) Toxicological information

Experience in practice

Provided all the recommended protective and safety precautions are taken, experience shows that no risk to health can be expected. Potentially serious effects, due to the residual content of solvent: Splashes in the eyes may cause mild irritation and cause the eyelids to stick together. If swallowed, stomach complaints and irritation of the digestive organs may result.

Other information

There are no data available on the preparation itself.
The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EEC).

12.) Ecological information

General information / ecology

There are no data available on the preparation itself.

13.) Disposal considerations

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.



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Uncleaned packaging

Uncleaned packaging must be disposed of in the same manner as the medium.
Completely emptied containers can be used in the recycling chain with glass or tinplate.

14.) Transport information

Land transport ADR/RID

Remarks non-dangerous goods

Marine transport IMDG/GGVSee

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

Air transport ICAO/IATA

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

15.) Regulatory information

Labelling in accordance with EC directives

The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).

16.) Other information

Other information

According to their chemical structure, the applied raw materials do not contain any antimony, arsenic, soluble barium, lead, cadmium, chromium, mercury and selenium.
Product conforms therefore to DIN EN 71, part 3.

BUTANOL

10	Flammable.
22	Harmful if swallowed.
37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.
67	Vapours may cause drowsiness and dizziness.

Propylene glycol-1,2

Department issuing safety data sheet

Laboratory/product safety.

Contact person

Dipl.-Chem. G. Heller or Dipl.-Ing. U. Voetter.

The instructions are based on today's information and knowledge. The safety data sheet describes products in relation to safety requirements. These instructions do not assure application technological properties of the product.