



EC safety data sheet (91/155 EEC)

Trade name: MARABU-BRILLIANT PAINTER

Status: 15.12.2004

Product no.: 0110, 0111, 0112

Version : 1 / GB

Date of printing : 22.12.2004

5.) Fire-fighting measures

Suitable extinguishing media

Carbon dioxide, foam, dry extinguishing agent, water spray.

Extinguishing media that must not be used for safety reasons

Full water jet

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

None known

6.) Accidental release measures

Personal precautions

Avoid contact with skin, eyes and clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Remove by liquid absorbing material (e.g. kieselguhr) and process according to waste regulations.

Clean preferably with a detergent; avoid use of solvents.

7.) Handling and storage

Handling

Advice on safe handling

Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Ensure adequate ventilation.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

Classification of fires

B (Combustible liquid substances)

Temperature class

T3

Storage

Further information on storage conditions

Keep away from sources of ignition.

8.) Exposure controls / personal protection

Additional hints on technical system design.

Provide adequate ventilation.



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Ingredients with occupational exposure limits to be monitored

1-METHOXY-2-PROPANOL

2000/39/EC				
Value	100	ml/m ³	375	mg/m ³
STEL	150	ml/m ³	568	mg/m ³
Skin resorption / sensibilisation	skin			
OES/EH40				
Value	100	ml/m ³	375	mg/m ³
STEL	150	ml/m ³	560	mg/m ³
Skin resorption / sensibilisation	Sk			

Personal protective equipment

Respiratory protection

Not necessary, but do not inhale vapours.

Hand protection

none

9.) Physical and chemical properties

Appearance

Form	liquid
Colour	coloured
Odour	characteristic

Safety data

Changes in physical state

Type	Starts to boil	
Value	120	°C

Flash point

Value	31	°C
Method	ASTM D 6450 (CCCFP)	

Ignition temperature

Value	> 250	°C
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Explosion limits

Upper explosion limit	11,5	% vol
Lower explosion limit	1,7	% vol

Vapour pressure

Value	not determined
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Density

Value	0,98 - 1,2	g/cm ³
Reference temperature	20	°C

Viscosity

Remarks	Liquid
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Solubility in water

Remarks	miscible
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Solvent content

Value	65 - 75	%
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Other information

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



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10.) Stability and reactivity

Materials to avoid

Oxidising agents

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.

Other information

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

Large quantities:

Dispose of or incinerate in accordance with corresponding regulations.

Code of waste pursuant to European Council Directive on waste: 080111(Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesive, sealants and printing inks - wastes from MFSU and removal of paint and varnish - waste paint and varnish containing organic solvents or other dangerous substances).

Small quantities:

The product can be placed with other household refuse.

Uncontaminated packaging

Uncleaned packaging must be disposed of in the same manner as the medium.

Completely emptied packagings can be given for recycling.

14.) Transport information

Land transport ADR/RID

Class	3
Packing group	III
Hazard id. no.	30
Label	3
UN number	1263
Technical name	Paint

Marine transport IMDG/GGVSee

Class	3
Packing group	III
UN number	1263
Proper shipping name	Paint
EmS	F-E,S-E
Label	3, -, -
Remarks	The product is viscous; non-dangerous good in Containers with a capacity <= 30 ltrs.



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Air transport ICAO/IATA

Class	3
Packing group	III
UN number	1263
Proper shipping name	Paint
Label	3

15.) Regulatory information

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC directives/GefStoff V

R phrases

10 Flammable.

S phrases

20/21 When using do not eat, drink or smoke.

29 Do not empty into drains.

51 Use only in well-ventilated areas.

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.

1-METHOXY-2-PROPANOL

10 Flammable.

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.