

EC safety data sheet (91/155 EEC)

Trade name: MARABU-TEXTIL PLUS

Status: 15.03.2005

Product no.: 1715

Version : 1 / GB

Date of printing : 15.03.2005

1.) Identification of the substance/preparation and company

Product details

Trade name

MARABU-TEXTIL PLUS

Identification of the manufacturer / supplier

Address

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

Telephone no. (++49)-7141/691-0

Fax no. (++49)-7141/691-117

Information provided by / telephone

Product safety +49 7141/691-116 or 232

Emergency telephone number

Product safety +49 7141/691-116 or 232

Use

Paint

2.) Composition / information on ingredients

Chemical characterization

Paint based on acrylic resins and on water

Hazardous ingredients

Ink shade 032 contains additionally:

ETHANE-1,2-DIOL

CAS no. 107-21-1

EINECS no. 203-473-3

Concentration >= 1 < 5 %-b.w.

Classification Xn;R22

3.) Hazards possibilities

Specific hazards to man and the 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.).

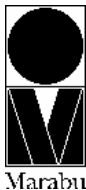
After ingestion

Call a physician.

5.) Fire-fighting measures

Suitable extinguishing media

Carbon dioxide, foam, sand, water.



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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. Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Ingredients with occupational exposure limits to be monitored

Ink shade 032 contains additionally:

ETHANE-1,2-DIOL

2000/39/EC

Value 20 ml/m³ 52 mg/m³

STEL 40 ml/m³ 104 mg/m³

Skin resorption /
sensibilisation skin

OES/EH40

Vapour

Value 52 mg/m³

STEL 104 mg/m³

Skin resorption /
sensibilisation Sk

OES/EH40

Dust

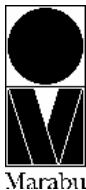
Value 10 mg/m³

OES/EH40

particulate

Value 10 mg/m³

Skin resorption /
sensibilisation Sk



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9.) Physical and chemical properties

Appearance

Form	liquid
Colour	coloured
Odour	neutral

Safety data

Changes in physical state

Type	Boiling point	
Value	100	°C

Flash point

Value	not applicable
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Ignition temperature

Value	not applicable
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Explosion limits

Remarks	not applicable
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Vapour pressure

Value	23		hPa
Reference temperature	20	°C	
Reference substance	water		

Density

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

pH value

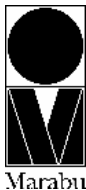
Value	7,5	- 8,5
Reference temperature	20	°C

Solvent content

Shade	Value	%
015	6	%
020	6	%
021	6	%
023	6	%
030	6	%
032	7	%
033	6	%
034	6	%
035	6	%
046	6	%
050	5	%
051	6	%
055	6	%
070	6	%
073	6	%
090	6	%
096	6	%
099	6	%

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

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 larger quantities are swallowed, stomach complaints 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.

Uncontaminated 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.

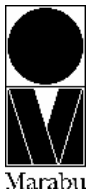
Air transport ICAO/IATA

Remarks The product does not constitute a hazardous substance in air 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).



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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.

ETHANE-1,2-DIOL

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Harmful if swallowed.

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.