

## EC safety data sheet (91/155 EEC)

Trade name: MARABU-CRACKLE MEDIUM

Status: 01.03.2005

Product no.: 1140xx840

Version : 1 / GB

Date of printing : 09.03.2005

### 1.) Identification of the substance/preparation and company

#### Product details

##### Trade name

MARABU-CRACKLE MEDIUM

#### 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

Painting agent

### 2.) Composition / information on ingredients

#### Chemical characterization

Painting agent based on polyvinyl alcohol and on water

#### Hazardous ingredients

##### METHANOL

CAS no.                   67-56-1

EINECS no.               200-659-6

Concentration           >= 0,5           < 1           %-b.w.

Classification           F;R11  
                              T;R23/24/25-  
                              39/23/24/25

### 3.) Hazards possibilities

#### Specific hazards to man and the environment

None known.

### 4.) First aid measures

#### After skin contact

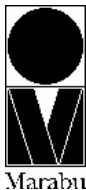
Wash away with soap and water and rinse. Do NOT use solvents or thinners!

#### After eye contact

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

#### After ingestion

Call a physician.



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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

##### METHANOL

OES/EH40

Value	200	ml/m <sup>3</sup>	266	mg/m <sup>3</sup>
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STEL	250	ml/m <sup>3</sup>	333	mg/m <sup>3</sup>
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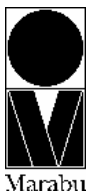
Skin resorption /	Sk			
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sensibilisation

### 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)	

#### Flash point

Value not applicable

#### Ignition temperature

Value not applicable

#### Explosion limits

Remarks not applicable

#### Vapour pressure

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

#### Density

Value	1,05		g/cm <sup>3</sup>
Reference temperature	20	°C	

#### Solubility in water

Remarks mixable

#### pH value

Value	5	-	7
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.

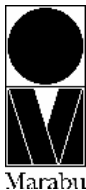
#### Other information

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.



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### 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 tinfoil.

### 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).

### 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.

#### METHANOL

11	Highly flammable.
23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and 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.