

**SAFETY DATA SHEET according to 91/115/EWG**

  
 Feinste Künstlerfarben

 article 50 032 - Bronze medium  
 50032000 version: 1

 Date: 23.10.2006  
 Page 1 of 4

**1. Identification of the substance/preparation and of the company/undertaking**
**01744-8153**

 Commercial Product name  
 Use of the substance  
 Company

 art.nr.: 50 032 - Bronze medium  
 Binding agent for wet bronze powder

Phone #

+49 (0) 211 - 25 09 - 0

Telefax #

+49 (0) 211 - 25 09 - 461

Information

 Schmincke-laboratory: mo.-th. 8.00-16.30, fr. 8.00-13.30  
 tel.: +49 (0) 211 - 2509 - 474  
 eMail: labor@schmincke.de

Emergency Information

Emergencycall Berlin: +49 (0) 30 - 1 92 40

**2. Composition/information on ingredients**

 Chemical characterization (substance)  
 Dangerous constituents

mineral spirit cumarone resin

 White spirit: 50 % - 55 % CAS-number: 64742-82-1  
 R phrase(s): 10 - 51/53 - 65 - 66 - 67

**3. Hazard identification**

Classification

Nature of Hazard

N Dangerous for the environment



R phrase(s)

 R10 Flammable.  
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.

**4. First aid measures**

After inhalation

By continuous complaints consult a physician. Remove the casualty into fresh air and keep him calm.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After swallowing

When swallowed seek medical aid immediately and show the physician the

**SAFETY DATA SHEET according to 91/115/EWG**

article **50 032 - Bronze medium**  
**50032000** version: 1

Date: 23.10.2006  
 Page 2 of 4

After swallowing packaging or the lable of the packaging.

**5. Fire fighting measures**

Suitable extinguishing media	ABC powder Carbon dioxide Nitrogen Extinguishing measures to suit surroundings
Extinguisher unsuitable on safety grounds	Water Water spray jet
Particular hazards arising from the substance itself, combustion products or resulting gases	Carbon monoxide (CO) Carbon dioxide (CO <sub>2</sub> ) When picked up, treat material as prescribed under heading "Disposal".

**6. Accidental release measures**

Personal precautions	Information regarding personal protective measures see, chapter 8.
Methods for cleaning up / spillage removal	Information regarding Waste Disposal, see chapter 13. Take up with absorbent material (eg sand, kieselguhr, universal binder).

**7. Handling and storage**

Handling	
Information for safe handling	No special measures necessary if used correctly.
Storage	
Requirement for storerooms and containers	Keep container tightly closed in a cool, well-ventilated place. Recommended storage temperature: 10 - 25 °C.

**8. Exposure controls / personal protection**

Critical values of exposure	White spirit CAS-number: 64742-82-1 AGW according to TRGS 900 -> 350 mg/m <sup>3</sup> AGW according to TRGS 900 -> 70 ml/m <sup>3</sup>
Limitation and surveillance of the exposure at the workplace.	
Respiratory protection	Breathing apparatus in the event of high concentrations.
Hand protection	
Glove material	Nitrile f.e. Camatril Art.No. 0735 - Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, Internet: www.kcl.de
Breakthrough time	Permeation: Level 6 (> 480 min.)
Additional information	All information was derived in accordance with EU directive 89/686/EWG and the resultant EN 374 in cooperation with Kächele-Cama Latex GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves.
Eye protection	Safety glasses with side protection shield

**9. Physical and chemical properties**

**SAFETY DATA SHEET according to 91/115/EWG**

article **50 032 - Bronze medium**  
**50032000** version: 1

Date: 23.10.2006  
 Page 3 of 4

**Appearance**

Form	liquid
Colour	yellowish to brownish, clear
Odour	solvent-like
<b>Safety relevant data</b>	
Flash point	26 °C -
Density	ca. 0,98 g/ml
Viscosity	
Flowtime DIN-beaker (3mm)	ca. 40 s

**10. Stability and reactivity**

Materials to avoid Reactions with strong oxidising agents.

**11. Toxicological information****Toxicological Tests**

After inhalation	LD50 rat > 6500 mg/kg The toxicological information is based on the main components.
After swallowing	LD50 rabbit > 3500 mg/kg The toxicological information is based on the main components.
After skin contact	LC50 rat > 14 mg/L (4h) The toxicological information is based on the main components.

**12. Ecological information****Ecotoxicological effects**

General remarks water risk class: 2 - precautionary

**13. Disposal considerations****Product**

Recommendation 080111\* waste paint and varnish containing organic solvents or other dangerous substances

**14. transport information****Overland transport**

UN No.	1263
Class	3 - flammable liquid
Packaging group	III
Description of goods	PAINT / PAINT RELATED MATERIAL
Hazardous Material	mineral spirit
Transport by sea	

**SAFETY DATA SHEET according to 91/115/EWG**

article **50 032 - Bronze medium**  
**50032000** version: 1

Date: 23.10.2006  
 Page 4 of 4

UN No.	1263
Class	3 - flammable liquid
Subrisk	MP
Packing Group	III
Proper shipping name	PAINT / PAINT RELATED MATERIAL
Hazardous Material	MINERAL SPIRIT
EmS number	F-E, S-E
Air transport	
UN No.	1263
Class	3 - flammable liquid
Subrisk	-
Proper shipping name	PAINT / PAINT RELATED MATERIAL
Hazardous Material	MINERAL SPIRIT
Packing Group	III

**15. Regulatory information**

## Classification

Nature of Hazard	N Dangerous for the environment
R phrase(s)	R10 Flammable. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
S phrase(s)	S2 Keep out of the reach of children. S29 Do not empty into drains. S46 If swallowed, seek medical advice immediately and show this container or label.

**16. Other information**

R phrase(s)	R10 Flammable. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
-------------	--

## Further remarks

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept a liability for damage arising in connection with the use of our products.