

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

article series 18 - wet bronze powder gold / copper  
18802000 version: 1

Date: 20.10.2006  
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**1. Identification of the substance/preparation and of the company/undertaking**

Commercial Product name series 18 - wet bronze powder gold / copper  
Use of the substance  
Company

<b>01901-9200</b>
<b>-9250</b>
<b>-9260</b>
<b>-9500</b>

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Emergency Information

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**2. Composition/information on ingredients**

Chemical characterization (substance) pigments with different chemical composition  
Customs tariff number 18 802 - rich pale gold copper-zink-alloy  
18 803 - pale gold copper-zinc-alloy  
18 804 - copper copper-paste  
18 806 - rich gold copper-zinc-alloy

Dangerous constituents

1-Methoxy-2-propanol: 8 % - 16 % CAS-number: 107-98-2  
R phrase(s): 10

**3. Hazard identification**

Classification

Nature of Hazard

Does not require a hazard labelling warning label, but the normal safety precautions for handling of chemicals must be observed.

**4. First aid measures**

General information

In case of problems seek medical advice and show the package or label

**5. Fire fighting measures**

Suitable extinguishing media

Extinguisher unsuitable on safety grounds

Dry chemical extinguisher ABC powder Dry sand Extinguishing measures to suit surroundings  
Water

**6. Accidental release measures**

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Personal precautions	Information regarding personal protective measures see, chapter 8. Avoid dust formation.
Environmental precautions	Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up / spillage removal	Take up with absorbent material (eg sand, kieselguhr, universal binder). Pick up mechanically.
Additional information	When picked up, treat material as prescribed under heading "Disposal".

**7. Handling and storage**

## Handling

Information for safe handling	Ensure adequate ventilation. Observe the usual precautions when handling chemicals.
Precautions against fire and explosion	Protect from heat and direct sunlight. Keep away sources of ignition.
Storage	
Requirement for storerooms and containers	Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight.

**8. Exposure controls / personal protection**

## Critical values of exposure

1-Methoxy-2-propanol CAS-number: 107-98-2  
 AGW according to TRGS 900 -> 370 mg/m<sup>3</sup>  
 AGW according to TRGS 900 -> 100 ml/m<sup>3</sup>  
 remark: Y; DFG

## Limitation and surveillance of the exposure at the workplace.

Respiratory protection	Breathing apparatus in the event of high concentrations. Do not inhale dust.
Hand protection	
Glove material	Nitrile f.e. Camatril Art.No. 0735 - Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, Internet: <a href="http://www.kcl.de">www.kcl.de</a>
Eye protection	Safety glasses
General protection and hygiene measures	No special measures necessary if used correctly.

**9. Physical and chemical properties**

## Appearance

Form	Pasty
Colour	various
Odour	weak solvent-like
Safety relevant data	
Flash point	35 °C -
Ignition temperature	270 °C -
Explosion limits	
Lower explosive limit	2,3 Vol%
Density	3,5 - 4,5

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**10. Stability and reactivity****11. Toxicological information**

General remarks

General remarks By appropriate use of the product no health damage is known.

**12. Ecological information**

Additional ecological information

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

**13. Disposal considerations**

Product

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

**14. transport information**

Additional information

Additional information The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

**15. Regulatory information**

Classification

R phrase(s)

S phrase(s)

S2 Keep out of the reach of children.  
S7/8 Keep container tightly closed and dry.  
S24 Avoid contact with skin.  
S43 In case of fire, use dry sand. 'Never use water' (indicate in the space the precise type of fire-fighting equipment. If water increases risk, add 'Never use water').  
S46 If swallowed, seek medical advice immediately and show this container or label.

**16. Other information**

R phrase(s)

R10 Flammable.

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.

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**Further remarks**

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 an liability for damage arising in connection with the use of our products.