

SAFETY DATA SHEET according to 91/115/EWG

article series 18 - TRO-COL bronze-powder gold/copper
18811000 version: 1

Date: 20.10.2006
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1. Identification of the substance/preparation and of the company/undertaking**00820-9200****-9250****-9260****-9500**

Commercial Product name
Use of the substance

series 18 - pigments TRO-COL bronze-powder gold / copper
with dry binder
just add water to obtain water-colour bronze

Company

H.Schmincke & Co. GmbH & Co. KG
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Information

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Emergency Information

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

2. Composition/information on ingredients

Chemical characterization (substance)
Customs tariff number

Bronze-powder with dry dextrine-glue-binder
18 811 - rich gold copper-zinc-alloy
18 812 - rich pale gold copper-zinc-alloy
18 813 - pale gold copper-zinc-alloy
18 814 - copper copper-powder

Dangerous constituents

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

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

Extinguisher unsuitable on safety grounds

Water

6. Accidental release measures

Personal precautions

Information regarding personal protective measures see, chapter 8. Avoid dust formation.

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Environmental precautions
 Methods for cleaning up / spillage
 removal
 Additional information

Do not discharge into the drains/surface waters/groundwater.
 Take up with absorbent material (eg sand, kieselguhr, universal binder).
 Pick up mechanically.
 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
 Storage

Protect from heat and direct sunlight. Keep away sources of ignition.

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

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: www.kcl.de

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

characteristic

Safety relevant data

Density

7,0 - 8,9

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

General remarks

General remarks

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

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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

Nature of Hazard

The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).

16. Other information

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.