

Safety Data Sheet according to 1907/2006/EG

Schmincke

Feinste Künstlerfarben

article **50 088 - Casein binding medium**
50088000

version: 2

Date: 22.12.2010

Page 1 of 3

1. Identification of the substance/preparation and of the company/undertaking

Commercial Product name
Use of the substance
Company

art.no.: 50 088 - Casein binding medium
for production of casein colours and casein tempera.

H.Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Strasse 2
D-40699 Erkrath
www.schmincke.de

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 - 30 68 67 90 (0.00-24.00) german /
english

2. Hazard identification

Classification

Nature of Hazard

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

3. Composition/information on ingredients

Chemical characterization (substance)
Dangerous constituents

Borax pulping of lactic casein

*

Disodium tetraborate decahydrate: < 3%
CAS-no: 1303-96-4 - R phrase(s): 60 - 61 - Repr.Cat. 2
Candidate liste of substances of very high concern since 09.06.2010

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

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Particular hazards arising from the substance itself, combustion products or resulting gases

Carbon monoxide (CO) Carbon dioxide (CO₂) When picked up, treat material as prescribed under heading "Disposal".

6. Accidental release measures

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Schmincke

Feinste Künstlerfarben

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Page 2 of 3

Personal precautions
Methods for cleaning up / spillage
removal
Additional information

Information regarding personal protective measures see, chapter 8.
Information regarding Waste Disposal, see chapter 13. Take up with
absorbent material (eg sand, kieselguhr, universal binder).
When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage

Handling

Information for safe handling

No special measures necessary if used correctly.

Storage

Requirement for storerooms and
containers

The product are stable against frostiness and can be frozen.

Particular use(s)

Particular use(s)

No special measures necessary if stored and handled as prescribed.

8. Exposure controls / personal protection

Critical values of exposure
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/EEC 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

General protection and hygiene measures

No special measures necessary if used correctly.

9. Physical and chemical properties

Appearance

Form

viscous liquid

* Colour

beige to cream colour opaline

Odour

characteristic

Safety relevant data

Density

1,1 - 1,2 g/ml

pH value

8,0 - 9 -

10. Stability and reactivity

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Page 3 of 3

11. Toxicological information

12. environmental data

Details of elimination (decomposition and persistence)

Text of valuation

Moderately/partially biodegradable

13. Disposal considerations

Product

Recommendation

080112 waste paint and varnish other than those mentioned in 080111

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. legal regulations

Classification

Nature of Hazard

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16. Other information

* R phrase(s)

R60 May impair fertility.

R61 May cause harm to the unborn child.

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