

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**50 820 - water-colour binder "Ready-to-use"**

**50 830 - gouache binder "Ready-to-use"**

**50 850 - linoprint binder "Ready-to-use"**

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name  
50 820 - water-colour binder "Ready-to-use"  
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50 850 - linoprint binder "Ready-to-use"

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### General use

Products for creation of art.

#### Uses advised against

### 1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Str. 2  
D - 40699 Erkrath  
Tel. +49 (0) 211-2509-0  
Fax. +49 (0) 211-2509-497  
info@schmincke.de  
www.schmincke.de

#### Dept. responsible for information

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

### 1.4 Emergency telephone number

Emergency  
Information  
Phone #

Emergencycall Berlin  
(24h - counseling in german and english)  
+49 (0) 30-30686790

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

no hazard labelling required

### 2.2 Label elements

#### Labelling (CLP)

#### Signal word

#### Hazard statements

no hazard labelling required

#### Safety precautions

### 2.3 Other hazards

Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction. (EUH208)

## SECTION 3: Composition / information on ingredients

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## **3.1 Substances**

### **Chemical characterisation**

gum arabic  
Water  
extender  
Additive  
  
CAS-Number  
EINECS / ELINCS / NLP  
EU index number  
Customs tariff number  
REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number

## **3.2 Mixtures**

### **Additional information**

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

#### **General information**

#### **In case of inhalation**

Seek medical treatment in case of troubles.

#### **In case of skin contact**

Remove residues with soap and water. Seek medical attention if irritation persists.

#### **After eye contact**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.  
Seek medical attention if irritation persists.

#### **After swallowing**

Seek medical treatment in case of troubles.

### **4.2 Most important symptoms and effects, both acute and delayed**

### **4.3 Indication of any immediate medical attention and special treatment needed**

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

#### **Extinguishing media which must not be used for safety reasons**

strong water jet

### **5.2 Special hazards arising from the substance or mixture**

### **5.3 Advice for firefighters**

#### **Special protective equipment for firefighters**

#### **Additional information**

## **SECTION 6: Accidental release measures**

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## 6.1 Personal precautions, protective equipment and emergency procedures

## 6.2 environmental precautions

## 6.3 Methods and material for containment and cleaning up

### Methods for cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Wash spill area with plenty of water.

### Additional information

## 6.4 Reference to other sections

## SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

### Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice.

### Precautions against fire and explosion

No special measures are required.

## 7.2 Conditions for safe storage, including any incompatibilities

### Requirements for storerooms and containers

Keep container tightly closed. Protect from direct sunlight.

### Hints on joint storage

### Storage class

### Further details

## 7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

## SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

## 8.2 Exposure controls

### Occupational exposure controls

#### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

#### Hand protection

Avoid contact with skin. Protect skin by using skin protective cream.

#### Eye protection

Goggles

#### Body protection

Wear suitable protective clothing.

#### General protection and hygiene measures

When using do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

## 9.1 information on basic physical and chemical properties

Form	liquid
Colour	weak yellowish, clear
Odour	weak aromatic

min max

Initial boiling point and  
boiling range

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Melting point/freezing point  
Flash point/flash point range  
Flammability  
Ignition temperature  
Auto-ignition temperature  
Explosion limits  
Refraction index

Partition coefficient: n-octanol/water  
Danger of explosion

Vapour pressure  
Density 1,1 - 20 °C  
1,3 kg/l  
PH value 5,5 7,5

Viscosity dynamic of  
Viscosity dynamic up to

Viscosity kinematic of  
Viscosity kinematic up to

## 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

No data available

#### In case of inhalation

No data available

#### After swallowing

No data available

#### In case of skin contact

No data available

#### After eye contact

No data available

### Practical experience

### General remarks

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## Toxicological tests

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity  
No data available  
Water Hazard Class 2  
WGK catalog number  
General information

### 12.2 Persistence and degradability

Further details  
Oxygen demand

### 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)  
Partition coefficient: n-octanol/water

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

General information

## Ecotoxicological effects

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste key number 080 112 080112 waste paint and varnish other than those mentioned in 080111  
Recommendation

#### Contaminated packaging

Waste key number  
Recommendation

#### Additional information

## SECTION 14: Transport information

### 14.1 UN number

### 14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.  
IMDG, IATA

### 14.3 Transport hazard class(es)

ADR, ADN  
IMDG

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IATA

## 14.4 Packing group

## 14.5 Environmental hazards

Marine Pollutant - IMDG

Marine Pollutant - ADN

## 14.6 Special precautions for user

### Land transport

Code: ADR/RID

Kemmler-number

Hazard label ADR

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: Special provisions

Special provisions for packing together

Portable tanks: Instructions

Portable tanks: Special provisions

Tank coding

Tunnel restriction

Remarks

EQ

Special provisions

### Inland waterway craft

Hazard label

Limited quantities

Transport permitted

Equipment necessary

Ventilation

Remarks

EQ

Special provisions

### Sea transport

EmS

Special provisions

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: Special provisions

IBC: Instructions

IBC: Provisions

Tank instructions IMO

Tank instructions UN

Tank instructions Special provisions

Stowage and segregation

Properties and observations

Remarks

EQ

### Air transport

Hazard

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Passenger  
Passenger LQ  
Cargo  
ERG  
Remarks  
EQ  
Special Provisioning

## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

##### Europe

Contents of VOC [%] 0 %

Contents of VOC

[g/L]

Further regulations, limitations and legal requirements

##### Germany

Storage class

Water Hazard Class 2

WGK catalog number

Incident regulation

Information on working limitations

Further regulations, limitations and legal requirements

##### Denmark

Further regulations, limitations and legal requirements

##### Hungary

Further regulations, limitations and legal requirements

##### Great Britain

Further regulations, limitations and legal requirements

##### Switzerland

Contents of VOC [%]

Further regulations, limitations and legal requirements

##### USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

##### Japan

Further regulations, limitations and legal requirements

##### Canada

Further regulations, limitations and legal requirements

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## 15.2 Chemical Safety Assessment

### SECTION 16: Other information

#### Further information

##### Hazard statements (CLP)

##### Further information

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.

##### Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

##### Reason of change

##### Additional information