

02016-1024

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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.