

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

50 820 - water-colour binder**50 830 - gouache binder****50 850 - linoprint binder**

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

1.1 Product identifier

Trade name art.no.: 50 820 - water-colour binder
 art.no.: 50 830 - gouache binder
 art.no.: 50 850 - linoprint binder

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

General use for easy grinding of water-, gouache- and linoprint-colours

Uses advised against

1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG
 Otto-Hahn-Str. 2
 40699 Erkrath
 www.schmincke.de
 .
 tel.: +49 (0) 211 / 25 09 - 0
 fax: +49 (0) 211 / 25 09 - 461
 .
 INFORMING DEPARTMENT:
 Schmincke-lab: mo.-th. 8.00-16.00; fr. 8.00-13.30
 tel.: +49 (0) 211 / 2509 - 474
 eMail: labor@schmincke.de

1.4 Emergency telephone number

**Emergency
 Information
 Phone #**

**Emergencycall Berlin
 (24h - counseling in german and english)
 +49 (0) 30 / 30 68
 67 90**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to EC regulation 1272/2008 (CLP)****Classification according to Directive 67/548/EEC or 1999/45/EC**

no hazard labelling required

2.2 Label elements**Labelling (CLP)****signal word****Hazard Statements**

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Safety precautions**Labelling (67/548/EEC or 1999/45)****Nature of Hazard**

no hazard labelling required

R phrase(s)**S phrase(s)****2.3 Other hazards****SECTION 3: Composition/ information on ingredients****3.1 Substances****chemical characterization**

gum arabic solution additives water

CAS-Number
EINECS / ELINCS / NLP
EU-number
Customs tariff number
REACH registration No.
RTECS-Number

3.2 Mixtures**Additional information****SECTION 4: First aid measures****4.1 Description of first aid measures****General information****After 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.

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**

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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

none

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****6.1 Personal precautions, protective equipment and emergency procedures****6.2 environmental precautions****6.3 Methods and material for containment and cleaning up**

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

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**8.2 Exposure controls****Occupational exposure controls****Respiratory protection**

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

Hand protection

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

eye protection

Goggles

Body protection

Wear suitable protective clothing.

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General protection and hygiene measures

When using do not eat, drink or smoke.

8.1 Control parameters**SECTION 9: Physical and chemical properties****9.1 information on basic physical and chemical properties**

Physical state	liquid
Colour	weak yellowish, clear
Odour	weak aromatic

Important health, safety and environmental information**boiling temperature / boiling range****melting point / melting range****Flash point / flash point range****flammability****ignition temperature****Autoflammability****explosion limits****Refraction index****Vapour pressure****density****pH value**

6

Partition coefficient**n-octanol / water****Explosive properties****Viscosity****Viscosity dynamic of**
Viscosity kinematic of**Viscosity dynamic up to**
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**

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Hazardous vapours may form during fires.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute toxicity No data available

After 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****SECTION 12: Ecological information****12.1 Toxicity**

Aquatic toxicity No data available

Water Hazard Class

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****SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Waste key number

Recommendation

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Contaminated packagingWaste 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
IATA**14.4 Packing group****14.5 Environmental hazards**

Subrisk

14.6 Special precautions for user**Land transport**Code: ADR/RID
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
EQHazard label
Limited quantities
Transport permitted
Equipment necessary
ventilation
Remarks
EQ**Sea transport**EmS
Special provisions

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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
Passenger
Passenger LQ
Cargo
ERG
Remarks
 EQ

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 [%]
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class
Water Hazard Class
Incident regulation
Informations on working limitations
Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]

Item Numbers: 02016-1024, 02016-1034

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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****15.2 Chemical Safety Assessment****SECTION 16: Other information****Further remarks****R phrase(s)****Hazard Statements
(CLP)****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.

Literature**Reason of change****Additional information**