

02016-1044

SAFETY DATA SHEET

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

50 555 - acrylic binder

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name 50 555 - acrylic binder

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 Eirkrath
 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) 30-30686700
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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 elementsLabelling (CLP)Signal wordHazard statements

no hazard labelling required

Safety precautions**2.3 Other hazards**

Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one, reaction mass of:
 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC
 no. 220-239-6] (3:1). May produce an allergic reaction. (EUH208)

SECTION 3: Composition / information on ingredients**3.1 Substances**

Chemical characterisation
 dispersion of pure acrylate
 Water

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additives
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

No special measures are required.

In case of inhalation

If you feel unwell, seek medical advice (show the label where possible). Provide fresh air.

In case of skin contact

Remove residues with soap and water.

After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 minutes.

After swallowing

If you feel unwell, seek medical advice.

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

none

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear self-contained breathing apparatus.

Additional information

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

6.2 environmental precautions

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Do not allow to enter into ground-water, surface water or drains.

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).

Additional information**6.4 Reference to other sections****SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advices on safe handling**

No special measures are required.

Precautions against fire and explosion

No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storerooms and containers**

No special measures are necessary.

Hints on joint storage**Storage class****Further details****7.3 Specific end use(s)****SECTION 8: Exposure controls/personal protection****8.1 Control parameters****8.2 Exposure controls****Occupational exposure controls****Respiratory protection**

Respiratory protection not required.

Hand protection

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

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	pasty	
Colour	white, opaque	
Odour	weak aromatic	

	min	max
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Initial boiling point and**boiling range****Melting point/freezing point****Flash point/flash point range****Flammability****Ignition temperature****Auto-ignition temperature****Explosion limits****Refraction index**

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Partition coefficient: n-octanol/water
 Danger of explosion

Vapour pressure			
Density	~	1,05	20 °C
	kg/l		
PH value	7,5	9	20 °C

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****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****Toxicological tests****SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity**

No data available

Water Hazard Class**WGK catalog number****General information****12.2 Persistence and degradability**

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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 waste paint and varnish other than those mentioned in 08 01 11
Recommendation

Contaminated packaging

Waste key number

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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**

Marine Pollutant - IMDG

Marine Pollutant - ADN

14.6 Special precautions for user**Land transport**

Code: ADR/RID

Kemler-number

Hazard label ADR

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: Special provisions

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

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Germany

Storage class
 Water Hazard Class
 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

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**

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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.