

# SAFETY DATA SHEET

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

## 50 840 - acrylic 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 50 840 - acrylic 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, 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**

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

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### **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**

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 | whitish, opaque |
| Odour  | weak aromatic   |

min max

#### **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**

#### **Partition coefficient: n-octanol/water**

#### **Danger of explosion**

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Vapour pressure  
Density 1,05 kg/l 20 °C  
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

2

#### WGK catalog number

#### General information

### 12.2 Persistence and degradability

#### Further details

#### Oxygen demand

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### 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

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

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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

##### Germany

Storage class  
Water Hazard Class

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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

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.