

# SAFETY DATA SHEET

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

## 50 083 - picture varnish

Article No.  
Version

5 ( 07.03.17 )

Issue date: 07.03.17  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name 50 083 - picture varnish

#### 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)

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.  
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
Flam. Liq. 3; H226 Flammable liquid and vapour.  
STOT RE 2; H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is con  
STOT SE 3; H335 May cause respiratory irritation.  
STOT SE 3; H336 May cause drowsiness or dizziness.

#### 2.2 Label elements

##### Labelling (CLP)



Signal word Danger

##### Hazard statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

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H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

### Safety precautions

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243 Take action to prevent static discharges.  
P260 Do not breathe vapours.  
P273 Avoid release to the environment.  
P280 Wear protective gloves and protective clothing.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/..  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3 Other hazards

Repeated exposure may cause skin dryness or cracking. (EUH066)

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterisation

White spirit  
Alcohols  
acrylic resin  
aldehyde resin  
  
CAS-Number  
EINECS / ELINCS / NLP  
EU index number  
Customs tariff number  
REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number

### 3.2 Mixtures

#### Substance 1

solvent naphtha (petroleum), light, aromatic: 60 - 75 %  
CAS: 64742-95-6  
REACH: 01-2119455851-35  
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336 / EUH066

#### Substance 3

butan-1-ol: 2,5 - 5,0 %  
CAS: 71-36-3  
REACH: 01-2119484630-38-xxxx  
Acute Tox. 4; H302 / Eye Dam. 1; H318 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336 / Skin Irrit. 2; H315

#### Substance 2

naphtha (petroleum), hydrodesulphurized heavy: 2,5 - 5,0 %  
CAS: 64742-82-1  
REACH: 01-2119458049-33-xxxx  
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT RE 1; H372 / STOT SE 3; H336 / EUH066

#### Substance 4

lavender oil: 0,1 - 0,2 %  
Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

### Additional information

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## SECTION 4: First aid measures

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

#### **General information**

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

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

Provide fresh air. Seek medical attention if problems persist.

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

Remove residues with soap and water. In case of skin irritation, consult a physician.

#### **After eye contact**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 - 15 minutes. Seek medical attention if irritation persists.

#### **After swallowing**

Rinse mouth with water. Do NOT induce vomiting. Immediately get medical attention.

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

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

Caution if victim vomits: Risk of aspiration!

## SECTION 5: Firefighting measures

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

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

strong water jet

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

In case of fire may be liberated: Carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

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

Use appropriate respiratory protection.

#### **Additional information**

## SECTION 6: Accidental release measures

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes, and clothing.

### **6.2 environmental precautions**

Discharge into the environment must be avoided.

### **6.3 Methods and material for containment and cleaning up**

#### **Methods for cleaning up**

Collect spilled material using paper towels and dispose.

#### **Additional information**

### **6.4 Reference to other sections**

Dispose of waste according to applicable legislation.

## 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**

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### Requirements for storerooms and containers

### Hints on joint storage

### Storage class

### Further details

Protect from frost and exposure to sun.

### 7.3 Specific end use(s)

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

64742-95-6 solvent naphtha (petroleum), light, aromatic

DEU	WEL	100,000	mg/m <sup>3</sup>	TRGS 900
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71-36-3 butan-1-ol

DEU	WEL	100,000	mL/m <sup>3</sup>	1(I); DFG, Y
DEU	WEL	310,000	mg/m <sup>3</sup>	1(I); DFG, Y

### 8.2 Exposure controls

#### Occupational exposure controls

##### Respiratory protection

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

Respiratory protection must be worn whenever the WEL levels have been exceeded.

Combination filtering device (EN 14387) Use filter type A (= against vapours of organic substances)

##### Hand protection

Qualified materials: Nitrile rubber

Layer thickness > 0,35 mm

Breakthrough time > 480 min

Ultranitril 492 - MAPA GmbH, Industriestraße 21- 25, D-27404 Zeven, Internet: [www.mapa-pro.de](http://www.mapa-pro.de)

All information was derived in accordance with EU directive 89/686/EWG and the resultant EN 374 in cooperation with MAPA GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves. This information is abased on our current state of knowledge and describes the security standards applicable to our product for the purpose provided.

##### Eye protection

Goggles

##### Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

##### General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	liquid
Colour	colourless, clear
Odour	white spirit

	min	max
Initial boiling point and boiling range		
Melting point/freezing point		
Flash point/flash point range	40 °C	45 °C
Flammability		
Ignition temperature		
Auto-ignition temperature		
Explosion limits		
Refraction index		

Partition coefficient: n-octanol/water

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### Danger of explosion

### Vapour pressure

Density 0,89 g/ml 20 °C

### PH value

### Viscosity dynamic of

### Viscosity dynamic up to

Viscosity kinematic of 8 mm<sup>2</sup>/s 40 °C

Viscosity kinematic up to 9 mm<sup>2</sup>/s 40 °C

## 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Product is stable under normal storage conditions.

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

Protect from frost and exposure to sun.

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

64742-95-6 solvent naphtha (petroleum), light, aromatic

oral	LD50	Rat	>	2000,000	mg/kg	-
dermal	LD50	Rat	>	2000,000	mg/kg	-

64742-82-1 naphtha (petroleum), hydrodesulphurized heavy

oral	LD50	Rat	>	2000,000	mg/kg	-
dermal	LD50	Rat	>	2000,000	mg/kg	-

71-36-3 butan-1-ol

oral	LD50	Rat		790,000	mg/kg	-
inhalative	LC50	Rat		8000,000	mg/l	(4h)
dermal	LD50	Rabbit	>	3400,000	mg/kg	-

## 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

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### General remarks

### Toxicological tests

64742-95-6	solvent naphtha (petroleum), light, aromatic	LC50	fish	>	10,000	mg/l	-
		LC50	Algae	>	10,000	mg/l	-
64742-82-1	naphtha (petroleum), hydrodesulphurized heavy	LC50	fish	>	10,000	mg/l	-
		EC50	Algae	>	10,000	mg/l	-
71-36-3	butan-1-ol	EC50	Daphnia magna (Big water)		1983,000	mg/l	(48h)
		IC50:	Algae	>	500,000	mg/l	(72h)

## 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

Product is partially biodegradable.

#### 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

080111 080111\* waste paint and varnish containing organic solvents or other dangerous substances

##### Recommendation

#### Contaminated packaging

##### Waste key number

##### Recommendation

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### Additional information

## SECTION 14: Transport information

### 14.1 UN number

1263

### 14.2 UN proper shipping name

ADR, ADN Paint related material  
IMDG, IATA PAINT RELATED MATERIAL

### 14.3 Transport hazard class(es)

ADR, ADN 3  
IMDG 3  
IATA 3

### 14.4 Packing group

III

### 14.5 Environmental hazards

Marine Pollutant - IMDG Yes  
Marine Pollutant - ADN Yes

### 14.6 Special precautions for user

#### Land transport

Code: ADR/RID F1  
Kemmler-number 30  
Hazard label ADR 3  
Limited quantities 5L  
Contaminated packaging: Instructions P001 - IBC03 - LP01 - R001  
Contaminated packaging: Special provisions PP1  
Special provisions for packing together MP19  
Portable tanks: Instructions T2  
Portable tanks: Special provisions TP1 - TP29  
Tank coding LGBF  
Tunnel restriction D/E  
Remarks  
EQ E1  
Special provisions 163 - 367 - 650

#### Inland waterway craft

Hazard label  
Limited quantities  
Transport permitted  
Equipment necessary  
Ventilation  
Remarks  
EQ  
Special provisions

#### Sea transport

EmS F-E, S-E  
Special provisions 163 - 223 - 367 - 955  
Limited quantities 5L  
Contaminated packaging: Instructions P001 - LP01  
Contaminated packaging: Special provisions PP1  
IBC: Instructions IBC03

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IBC: Provisions	-
Tank instructions IMO	-
Tank instructions UN	T2
Tank instructions Special provisions	TP1 - TP29
Stowage and segregation	category A
Properties and observations	
Remarks	
EQ	E1

### Air transport

Hazard	Flammable Liquid
Passenger	355 (60L)
Passenger LQ	Y344 (10L)
Cargo	366 (220L)
ERG	3L
Remarks	
EQ	E1
Special Provisioning	A192

### 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 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 [%]  
~ 67 %  
Further regulations, limitations and legal requirements

##### USA

Further regulations, limitations and legal requirements



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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)	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.
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### **Further information**

This information is abased 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.