

# SAFETY DATA SHEET

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

## 50 072 - Wax varnish

Article No.  
Version

2 ( 10.09.15 )

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

#### 1.1 Product identifier

Trade name 50 072 - Wax 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.  
STOT SE 3; H335 May cause respiratory irritation.  
STOT SE 3; H336 May cause drowsiness or dizziness.  
Skin Sens. 1; H317 May cause an allergic skin reaction.

##### Classification according to Directive 67/548/EEC or 1999/45/EC

R10 Flammable.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

#### 2.2 Label elements

##### Labelling (CLP)



Signal word

Warning

Hazard statements

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H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

### Safety precautions

P102 Keep out of reach of children.  
P260 Do not breathe vapours.  
P273 Avoid release to the environment.  
P280 Wear protective gloves and eye protection.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower.

### Labelling (67/548/EEC or 1999/45)

#### Nature of Hazard



#### R phrase(s)

R10 Flammable.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

#### S phrase(s)

S2 Keep out of the reach of children.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S29 Do not empty into drains.  
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

### 2.3 Other hazards

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

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### **Chemical characterization**

White spirit  
wax  
Dammar resin  
Larch turpentine  
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: 50 - 75 %  
CAS-Number: 64742-95-6  
REACH registration No.: 01-2119455851-35

Classification according to EC regulation 1272/2008 (CLP):

#### **Substance 2**

larch turpentine: 1,0 - 2,5 %  
CAS-Number: 90046-19-8

Classification according to EC regulation 1272/2008 (CLP):  
Flam. Liq. 3; H226 / Skin Sens. 1; H317

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Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336 / EUH066

### Additional information

## 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

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### 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

#### 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

solvent naphtha (petroleum), light, aromatic

DEU	WEL	100,000	mg/m <sup>3</sup>	TRGS 900
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### 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

Protective gloves

Qualified materials: Nitrile rubber

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

##### Eye protection

Goggles

##### Body protection

Wear suitable protective clothing.

##### 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

Physical state      pasty  
Colour                yellowish, opaque  
Odour                 weak like white spirit

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

#### Explosive properties

#### Vapour pressure

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Density 1,26 g/ml 20 °C  
PH value

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

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.

## 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

solvent naphtha (petroleum), light, aromatic

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

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

No data available

#### Water Hazard Class

2

#### WGK catalog number

#### General information

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### 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

solvent naphtha (petroleum), light, aromatic

LC50	fish		10,000	mg/L	-
LC50	Algae		10,000	mg/L	-

## 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**

**Additional information**

## SECTION 14: Transport information

### 14.1 UN number

3082

### 14.2 UN proper shipping name

**ADR, ADN** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**IMDG, IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

### 14.3 Transport hazard class(es)

**ADR, ADN** 9

**IMDG** 9

**IATA** 9

### 14.4 Packing group

III

### 14.5 Environmental hazards

Marine Pollutant - IMDG

Yes

Marine Pollutant - ADN

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### 14.6 Special precautions for user

#### Land transport

Code: ADR/RID	M6
Hazard label ADR	9
Limited quantities	5I
Contaminated packaging: Instructions	P001 - IBC03 - LP01 - R001
Contaminated packaging: Special provisions	PP1
Special provisions for packing together	MP19
Portable tanks: Instructions	T4
Portable tanks: Special provisions	TP1 - TP29
Tank coding	LGBV
Tunnel restriction	E
Remarks	
EQ	E1
Special provisions	274 - 335 - 375 - 601

#### Inland waterway craft

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

#### Sea transport

EmS	F-A, S-F
Special provisions	274 - 335 - 969
Limited quantities	5I
Contaminated packaging: Instructions	P001 - LP01
Contaminated packaging: Special provisions	PP1
IBC: Instructions	IBC03
IBC: Provisions	-
Tank instructions IMO	-
Tank instructions UN	T4
Tank instructions Special provisions	TP2 - TP29
Stowage and segregation	category A
Properties and observations	
Remarks	
EQ	E1

#### Air transport

Hazard	-
Passenger	964 (450l)
Passenger LQ	Y964 (30kg G)
Cargo	964 (450l)
ERG	9L
Remarks	
EQ	E1
Special Provisioning	A97 - A158 - A197

### 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

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### 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 [%]  
~ 60 %  
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

<b>R phrase(s)</b>	R10 Flammable. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements (CLP)</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H372 Causes damage to organs through prolonged or repeated exposure.



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H411 Toxic to aquatic life with long lasting effects.

### 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

### 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.