

# SAFETY DATA SHEET

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

## 50 064 - Dammar varnish, mat

Article No. 50064  
Version 5.1 ( 09.12.20 )

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

#### 1.1 Product identifier

Trade name 50 064 - Dammar varnish, mat  
Name INCI  
Name Ph. Eur.  
REACH registration No.  
UFI UFI: U7NF-D469-E00G-KN0U

#### 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-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
  
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**

**Emergencycall Berlin  
+49 30-30686700  
(24/7 counseling in german and english)**

### 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.  
Flam. Liq. 3; H226 Flammable liquid and vapour.  
STOT SE 3; H335 May cause respiratory irritation.  
STOT SE 3; H336 May cause drowsiness or dizziness.

#### 2.2 Label elements

##### Labelling



**Signal word** Danger

##### Hazard statements

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.

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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.

P260 Do not breathe vapours.

P273 Avoid release to the environment.

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.

### Hazard components for labelling

### Text for labelling (CLP)

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

## 2.3 Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterisation

White spirit

Dammar resin

wax

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: 64742-95-6

REACH: 01-2119455851-35

Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / -; EUH066

/ Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3;

H336

#### 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.

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### **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. 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**

#### **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)**

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

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

DEU	WEL	50,000	mg/m <sup>3</sup>	2(II); AGS
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#### DNEL overview

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

DNEL worker	Long-term - inhalation, system	150,00000	mg/m <sup>3</sup>
DNEL worker	Long-term - dermal, local effe	25,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic eff	11,00000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, system	32,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - dermal, systemic e	11,00000	mg/kg bw/day

#### 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  
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 yellowish, cloudy  
Odour weak aromatic

	min	max
Initial boiling point and boiling range		
Melting point/freezing point		
Flash point/flash point range	~ 40 °C	
Flammability		
Ignition temperature		
Auto-ignition temperature		
Explosion limits		
Refraction index		
PH		
Viscosity		
Viscosity	10 mm <sup>2</sup> /s	12 mm <sup>2</sup> /s 40 °C

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Vapour pressure  
Density  
Partition coefficient: n-octanol/water

0,84 g/ml

20 °C

Danger of explosion

### 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

#### Toxicological tests

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

oral	LD50	Rat	>	2000,00000	mg/kg	-
inhalative	LC50	Rat	>	10,20000	mg/L	(4h)
dermal	LD50	Rat	>	2000,00000	mg/kg	-

#### 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

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Ecotoxicological effects

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

LC50	fish			9,20000	mg/L	(96h)
EC50	Algae	>		2,60000	mg/L	(72h)

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EC50	Daphnia magna (Big water flea)	3,20000	mg/L	(48h)
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**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**

## 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** 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**

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

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Marine Pollutant - ADN Yes

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

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

#### Sea transport (IMDG)

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
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 (IATA-DGR)

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

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### 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 [%]  
~ 74 %  
Further regulations, limitations and legal requirements

### USA

Further regulations, limitations and legal requirements  
Federal Regulations  
State Regulations

### 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.
- H304 May be fatal if swallowed and enters airways.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- 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

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.