

SAFETY DATA SHEET

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

Gerstäcker Final Finishing Varnish

1.0.0

(28.03.19)

28.03.19

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

1.1 Product identifier

Name: identification of the substance Gerstäcker Final Finishing Varnish
Trade name
Trade name 58008 (250 ml)
58009 (1000 ml)

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use
Use INCI

1.3 Details of the supplier of the safety data sheet

Manufacturer Johannes Gerstäcker Verlag GmbH
Wecostr. 4
D - 53783 Eitorf
Tel. (02243) 88995
Fax. (02243) 88988-333

1.4 Emergency telephone number

Name Giftinformationszentrum-Nord
Phone # +49 (0) 551 - 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Nature of Hazard

GHS02 Flame
GHS07 Exclamation mark
GHS08 Health hazard
GHS09 Environment



Signal word
Classification

Danger
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

Nature of Hazard (CLP)

GHS07 Exclamation mark
GHS02 Flame

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GHS08 Health hazard
GHS09 Environment



Signal word (CLP)
Hazard statements (CLP)

Safety precautions (CLP)

Text for labelling (CLP)

Danger
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.
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.
P262 Do not get in eyes, on skin, or on clothing.
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. Repeated exposure may cause skin dryness or cracking. (EUH066)

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

white spirit, aldehyde resin and acrylic resin

3.2 Mixtures

Hazardous ingredients

solvent naphtha (petroleum), light, aromatic: 50 - 75 %
64742-95-6 // 01-2119455851-35
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / EUH066 / Flam. Liq. 3;
H226 / STOT SE 3; H335 / STOT SE 3; H336

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation

Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical attention if problems persist.

In case of skin contact

Thoroughly wash skin with soap and water. Seek medical attention if irritation persists.

After eye contact

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

After swallowing

Rinse mouth immediately and drink plenty of water. Do not give fatty oils and milk. Give activated carbon, in order to reduce the resorption in the gastro-enteric tract. Caution if victim vomits: Risk of aspiration! Seek medical attention.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide Extinguishing powder alcohol resistant foam

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Extinguishing media which must not be used for safety reasons

Full water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance itself, combustion products, resulting gases

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Provide adequate ventilation. Wear suitable protective clothing. Avoid contact with skin, eyes, and clothing.

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-universal binding agents) and place in closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Provide adequate ventilation. Concentrated vapours are heavier than air.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values: components

solvent naphtha (petroleum), light, aromatic

| | | | | |
|-----|-----|--------|--------------------|--------------|
| DEU | WEL | 50,000 | mg/dm ³ | 2 (II) ; AGS |
|-----|-----|--------|--------------------|--------------|

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

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

Hand protection

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

Eye protection

Goggles

Body protection

Flame-resistant antistatic protective clothing

General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Protect skin by using skin protective cream.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Appearance

Form

liquid

Colour

colourless, clear

Odour

weak aromatic

Initial boiling point and boiling range

150 °C

- 180 °C

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Flash point/flash point range ca. 43 °C -
Density
Density 0,94 g/ml

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity Product is stable under normal storage conditions.

10.2 Chemical stability

Chemical stability Product is stable under normal storage conditions.

10.4 Conditions to avoid

Conditions to avoid Keep away from sources of ignition.

10.5 Incompatible materials

Materials to avoid strong oxidizing agents

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological tests

Toxicological tests: components

solvent naphtha (petroleum), light, aromatic

| | | | | | |
|------------|------|-----|-------|----------|------|
| oral | LD50 | Rat | mg/kg | 2000,000 | - |
| inhalative | LC50 | Rat | mg/l | 10,200 | (4h) |
| dermal | LD50 | Rat | mg/kg | 2000,000 | - |

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicological effects

Ecotoxicological effects: components

solvent naphtha (petroleum), light, aromatic

| | | | | | |
|--------------|------|--------------------------|------|--------|-------|
| not required | LC50 | fish | mg/l | 10,000 | - |
| not required | LC50 | Algae | mg/l | 10,000 | - |
| not required | EC50 | Daphnia magna (Big water | mg/l | 3,200 | (48h) |

12.2 Persistence and degradability

Degradation

Evaluation text Product is not readily biodegradable.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

080 111

Waste key number Text

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

SECTION 14: Transport information

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14.1 UN number

| | |
|----------------|------|
| UN-No. ADR/RID | 1263 |
| UN-No. IMDG | 1263 |
| UN-No. IATA | 1263 |

14.2 UN proper shipping name

| | |
|------------------------------|------------------------|
| Product designation: ADR/RID | Paint related material |
| Proper shipping name: IMDG | PAINT RELATED MATERIAL |
| Proper shipping name: IATA | PAINT RELATED MATERIAL |

14.3 Transport hazard class(es)

| | |
|---------------|----|
| Class ADR/RID | 3 |
| Code: ADR/RID | F1 |
| Class IMDG | 3 |
| Subrisk IMDG | - |
| Class IATA | 3 |
| Subrisk IATA | - |

14.4 Packing group

| | |
|-------------------------|-----|
| Packaging group ADR/RID | III |
| Packing Group IMDG | III |
| Packing Group IATA | III |

14.5 Environmental hazards

| | |
|-------------------------|-----|
| Marine Pollutant - IMDG | Yes |
|-------------------------|-----|

14.6 Special precautions for user

Land transport

| | |
|--|----------------------------|
| Danger releasing substance | white spirit |
| Hazard label ADR | 3 |
| Hazard label RID | 3 |
| Limited quantities | 5L |
| EQ | E1 |
| Special provisions | 163 - 367 - 650 |
| 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 |
| ADR | |
| Transport category | 3 |
| Tunnel restriction | D/E |
| Kemmler-number | 30 |
| RID | |
| Transport category | 3 |
| Kemmler-number | 30 |

Remarks

Sea transport

| | |
|--|-----------------------|
| Danger releasing substance | white spirit |
| Special provisions | 163 - 223 - 367 - 955 |
| Limited quantities | 5L |
| EQ | E1 |
| 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 |
| EmS | F-E, S-E |
| Stowage and segregation | category A |
| Properties and observations | |
| Remarks | |
| Air transport | |
| Danger releasing substance | white spirit |
| Hazard | Flammable Liquid |
| Passenger | 355 (60L) |
| Passenger LQ | Y344 (10L) |
| Cargo | 366 (220L) |
| Special Provisioning | A192 |
| ERG | 3L |
| Remarks | |

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|---|------|
| Germany | |
| Water Hazard Class | 2 |
| Switzerland | |
| Ordinance 814.018 on Incentive Taxes on Volatile Organic Compounds (OVOC) | |
| Contents of VOC [%] | 65 % |

SECTION 16: Other 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 contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.