

SAFETY DATA SHEET

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

Revision date: 30 May 2023

Print date: 2 Jun 2023

Version: 0.2

FSG Schäfer GmbH

Instandsetzungs-Materialien für Möbeloberflächen



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FSG-Hard Wax (various colours)

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

1.1. Product identifier

Trade name/designation:

FSG-Hard Wax (various colours)

Article No.:

HW68000

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

Use of the substance/mixture:

Restoration Kit

Relevant identified uses:

Sector of uses [SU]

SU 18: Manufacture of furniture

Product Categories [PC]

PC 9: Coatings and paints, fillers, putties, thinners

Article categories [AC]

AC 11: Wood articles

1.3. Details of the supplier of the safety data sheet

Manufacturer:

FSG Schäfer GmbH

Boschstraße 14

48703 Stadtlohn

GERMANY

Telephone: +49 (0) 25 63 - 93 95 - 0

Telefax: +49 (0) 25 63 - 93 95 - 25

E-mail: verkauf@fsg-schaefer.de

Website: www.fsg-schaefer.de

E-mail (competent person): sdb@fsg-schaefer.de

Only for information: National Poisons Information Service (Birmingham Unit): 844 892 0111

1.4. Emergency telephone number

24h: Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department., Office FSG: +49 (0) 2563 93950. (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

Special rules for supplemental label elements for certain mixtures:

20,6 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

18,7 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

2.3. Other hazards

No data available

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
	modified polyethylene wax The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	47 - < 80 weight-%
CAS No.: 8015-86-9 EC No.: 232-399-4	Carnaubawax LT 314 The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	11 - < 20 weight-%

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

In case of skin contact:

The melted product can cause severe burns. After contact with molten product, cool skin area rapidly with cold water. In case of skin irritation, consult a physician.

After eye contact:

Upon contact with the molten product: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Rinse cautiously with water for several minutes.

Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect).

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Dry extinguishing powder, Carbon dioxide, Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Full water jet.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

In case of fire may be liberated: Carbon dioxide (CO₂) Carbon monoxide Pyrolysis products, toxic, carbon black.

In case of fire: Gases/vapours, toxic.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8.

6.2. Environmental precautions

Discharge into the environment must be avoided. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Collect spillage. Measures to prevent aerosol and dust generation.

Wet clean or vacuum up solids.

For cleaning up:

Water (with cleaning agent).

6.4. Reference to other sections

Safe handling: see section 7.

Personal protection equipment: see section 8.

Disposal: see section 13.

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Do not breathe gas/fumes/vapour/spray. The melted product can cause severe burns. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

The product itself does not burn. Vapours are heavier than air.

Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

Environmental precautions:

Discharge into the environment must be avoided. Do not allow to enter into surface water or drains.

Advices on general occupational hygiene

Wash hands before breaks and after work. After cleaning apply high-fat content skin care cream. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Packaging materials:

Keep/Store only in original container.

Requirements for storage rooms and vessels:

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Hints on storage assembly:

Food and feedingstuffs.

Storage class (TRGS 510, Germany): 13 - Non-combustible solids that cannot be assigned to any of the above storage classes

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7.3. Specific end use(s)

Industrial sector specific solutions:

Oils/waxes, solvent-free

GISCODE:

Ö10

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Rouge CAS No.: 1309-37-1	① 5 mg/m ³ ② 10 mg/m ³ ⑤ (Smoke, calculated as Fe)
WEL (GB)	Rouge CAS No.: 1309-37-1	① 1 mg/m ³ ② 2 mg/m ³ ⑤ (Iron salts)
WEL (GB)	Rouge CAS No.: 1309-37-1	① 10 mg/m ³ ⑤ (inhalable fraction, red)
WEL (GB)	Rouge CAS No.: 1309-37-1	① 4 mg/m ³ ⑤ (respirable fraction, red)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Iron hydroxide oxide yellow CAS No.: 51274-00-1	10 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
Iron hydroxide oxide yellow CAS No.: 51274-00-1	3 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
Pigment yellow AL 23 CAS No.: 14059-33-7 EC No.: 237-898-0	0.02 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
Pigment yellow AL 23 CAS No.: 14059-33-7 EC No.: 237-898-0	0.005 mg/m ³	① DNEL Consumer ② Long-term - inhalation, local effects
Pigment yellow AL 23 CAS No.: 14059-33-7 EC No.: 237-898-0	20 mg/kg bw/day	① DNEL worker ② Long-term - oral, systemic effects
Triiron tetraoxide CAS No.: 1317-61-9 EC No.: 215-277-5	10 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
Rouge CAS No.: 1309-37-1	10 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects

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Substance name	DNEL value	① DNEL type ② Exposure route
Rouge CAS No.: 1309-37-1	3 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects

Substance name	PNEC Value	① PNEC type
Pigment yellow AL 23 CAS No.: 14059-33-7 EC No.: 237-898-0	10,000 mg/L	① PNEC sewage treatment plant

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment



Eye/face protection:

Eye glasses with side protection EN 166.

In normal use (no eye contact): No goggles required.

Skin protection:

only required when handling heated product. The glove material has to be resistant and impermeable to the product / the substance / the mixture. Tested protective gloves must be worn EN ISO 374.

Suitable material: NBR (Nitrile rubber), Thickness of the glove material 0,7 mm, Breakthrough time: 480 min.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

only required when handling heated product. Product heat only so far that the fluidity is achieved. In care of further heating provide adequate ventilation. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Particle filter device (EN 143).

Thermal hazards:

Incineration.

Other protection measures:

Wear suitable protective clothing.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Colour: various

Odour: Paraffin

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	<i>not applicable</i>	
Melting point	<i>not determined</i>	
Freezing point	<i>not determined</i>	
Initial boiling point and boiling range	<i>not determined</i>	
Decomposition temperature	<i>not determined</i>	
Flash point	<i>not determined</i>	
Evaporation rate	<i>not determined</i>	
Auto-ignition temperature	<i>not determined</i>	

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Parameter	Value	① Method
		② Remark
Upper/lower flammability or explosive limits	<i>not determined</i>	
Vapour pressure	<i>not determined</i>	
Vapour density	<i>not determined</i>	
Density	<i>not determined</i>	
Relative density	<i>not determined</i>	
Bulk density	<i>not determined</i>	
Water solubility	practically insoluble	
Partition coefficient: n-octanol/water	<i>not determined</i>	
Dynamic viscosity	<i>not determined</i>	
Kinematic viscosity	<i>not determined</i>	
Solidifying point	100 - 110 °C	

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

not relevant The product itself does not burn.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep cool. Protect from sunlight. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

10.5. Incompatible materials

Chlorine, Oxidising agent, strong.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon dioxide (CO₂) Carbon monoxide Pyrolysis products, toxic, carbon black.

In case of fire: Gases/vapours, toxic.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

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Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Additional information:

No data available

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

12 01 12 *	spent waxes and fats
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*: Evidence for disposal must be provided.

Waste code packaging

15 01 06	mixed packaging
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Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

Other disposal recommendations:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

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13.2. Additional information

Return to Distributor..

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

not determined.

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Restrictions on use:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

15.1.2. National regulations

[GB] National regulations

Other regulations, restrictions and prohibition regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)

Regulation 850/2004/EC on persistent organic pollutants (POP)

Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)

not listed

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

AC Article Category

ACGIH American Conference of Governmental Industrial Hygienists

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ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
ECHA	European Chemicals Agency
EN	European Standard
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PC	Product category
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SU	use category
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

For abbreviations and acronyms, see ECHA: Guidance on information requirements and chemical safety assessment, Chapter R.20 (list of terms and abbreviations).

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.