

Safety data sheet

according to Regulation EC 453/2010

edelundstein hard wax
Status 08.2018

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

Product identifier

Trade name Hard wax

Ident. Use of the mixture: Wax pastes for the care of wooden surfaces, leather care.

Supplier providing the safety data sheet

Company name: **edelundstein GmbH**
Address: **Einsteinstraße 12**
Location and country: **33104 Paderborn**
GERMANY
Tel. + 49 5254 9330731
Fax + 49 5254 9330733

E-mail of the competent person, **info@edel-und-stein.com**
responsible for the safety data sheet.

Emergency number

For urgent information contact; Technical information: Dr Felix Ferlemann +49 170 / 7362924

SECTION 2. possible hazards

Classification of the mixture according to EC 1272/2008:

The product is not classified according to the CLP Regulation.

Labelling elements:

Hazard pictogram: not applicable

Signal word: not applicable

Hazard statement: flammable (voluntary)

Safety instruction: not applicable

Other hazards:

Chemicals pose special hazards. Store under lock and key and out of reach of children. Wash hands after use.

SECTION 3. composition/information on ingredients

Chemical characterisation:

Mixture of natural and synthetic solvent-based waxes (aromatics-free)

Hazardous ingredients:

CAS No.	Designation	%	Classification according to GHS/CLP
64742-48-9	Mixture of n-, i- and cyclo-aliphatics (C9-C11)	>30	see section 16

SECTION 4. first aid measures

General information: No special first aid measures required.

After inhalation: Supply fresh air, in case of complaints consult a doctor.

After skin contact: Wash off with soap and water and rinse well.

After eye contact: Rinse opened eye for several minutes with running water.

After ingestion: Do not induce vomiting, seek medical attention immediately.

Safety data sheet

according to Regulation EC 453/2010

edelundstein hard wax
Status 08.2018

Advice for the doctor: Treat symptomatically.

Most important symptoms and effects, both acute and delayed: No information available.

Indication of any immediate medical attention and special treatment needed: No information available.

SECTION 5. fire-fighting measures

Suitable extinguishing media: CO2, extinguishing powder or water spray.

Unsuitable extinguishing media for safety reasons: Water in a full jet

Special hazards arising from the mixture: In case of fire may be released: Carbon monoxide

Special protective equipment: Full protective suit with self-contained breathing apparatus.

Cool endangered containers with water spray.

SECTION 6. Accidental release measures

Personal precautions: Not required

Environmental precautions: Do not allow to enter drains/surface waters/groundwater.

Methods for retention and cleaning up: Pick up mechanically. Dispose of contaminated material as waste according to item 13.

SECTION 7. Handling and storage

Handling

Information for safe handling: No special measures required if used correctly.

Wash contaminated skin areas after handling the product, especially before meals and smoking. Do not handle above 40°C.

Information about fire and explosion protection: Molten product forms explosive mixtures with air above the flash point. Cool endangered containers with water.

Storage

Requirements to be met by storerooms and receptacles: Keep receptacles tightly closed. Store in a cool and dry place in well-sealed original containers.

Information on storage in one common storage facility: none

Storage class: not applicable

Fire class: not applicable

SECTION 8. Exposure controls/personal protective equipment

Additional information on the design of technical installations: none

Parameter to be monitored:

CAS No.	Designation of the substance	%Type	Value	Unit
64742-48-9	Mixture of n-, i- and cyclo-aliphatics (C9-C11)	>30AGW	(TRGS 900)600	mg/m3

Limitation and monitoring of exposure.

General protective and hygienic measures: Observe the usual precautionary measures when handling chemicals. Keep away from food, drink and animal feed.

Respiratory protection: not required

Hand protection: Protective gloves (solvent resistant)

Safety data sheet

according to Regulation EC 453/2010

edelundstein hard wax
Status 08.2018

Eye protection: may be required

SECTION 9. Physical and chemical properties

Form :	pasty		
Colour :	whitish or dyed (black, various shades of brown)		
Odour :	characteristic		
Change of state:	Drip point	55- 65°C	DGF-M III 75
	Boiling point, range	150-200°C	ASTM D86
ph-value :	at 20 °C	n.a.	Electrometr.
Flash point :		>62 °C	DIN 51 755
Ignition temperature :	Solvent content	200-300 °C	
Autoflammability:	The product is not self-igniting		
Explosion hazard :		none	
Explosion limits :	lower:	n.b. %	
	upper:	n.b. %	
Vapour pressure :	(at 50 °C)	<1100hPa	
Density :	(at 20 °C)	0,75-0,85 g/cm ³	DIN 51757
Solubility in:	Water	insoluble	
	organic solvents (petrols)	almost completely %	
Viscosity:	at 20°C (kinem.)	1000 sec.	DIN 53211
Solvent content:	organic solvents	30-70 %	
	(water)	0 %	
Solid content:	at 20 °C	20-40 %	

SECTION 10. Stability and reactivity

Reactivity:/Chemical stability: Formation of ignitable mixtures possible in air when heated above flash point and/or when sprayed or fogged.

Conditions/materials to avoid: Strong oxidising agents

Hazardous decomposition products: Carbon monoxide upon thermal or oxidative decomposition.

SECTION 11. Toxicological information

Acute oral toxicity: LD50 value oral:>5000mg/kg (rat)

Irritant effect on skin: mild irritant; prolonged or repeated skin contact defats the skin and may cause dermatitis.

Irritant effect on the eye: slightly irritant

Sensitisation: none known

Subacute and chronic toxicity: none known

Mutagenicity/Carcinogenicity/Reproductive toxicity: None known.

SECTION 12. Environmental information

Toxicity: No toxic effects to fish are expected if used properly.

Persistence and degradability: Product is readily biodegradable (according to legal requirements). Easily eliminable.

Bioaccumulation/mobility in soil: Bioaccumulation potentially possible

Results of PBT and vPvB assessment: n.a.

Safety data sheet

according to Regulation EC 453/2010

edelundstein hard wax
Status 08.2018

SECTION 13. Disposal instructions

Product

Feed to the sewer system in accordance with the legal requirements.

The allocation of waste code numbers is to be carried out in accordance with the EWC Regulation on an industry- and process-specific basis. Must not be disposed of together with household waste. Do not allow to enter the sewage system.

Uncleaned packaging

Only dispose of completely empty containers.

SECTION 14. transport regulations

Land transport (ADR/RID and GGVS/GGVE)

Class/Kemler/UN/VG/Label/LQ: no dangerous goods

Sea transport (IMDG/GGVSee)

Class/UN/VG/Label/EMS/Marine pollutant/EQ/LQ: Not dangerous goods

Air transport (ICAO/IATA)

Class/UN/VG/Label/EQ: no dangerous goods

Correct technical name: N/A

SECTION 15 Legislation

15.1 Safety, health and environmental regulations/specific legislation

Water hazard class: 1 (slightly hazardous for water, self-classification)

TA Luft: NK (share: 50-100%)

VOC: 30-70 %

Chemical Safety Assessment

We have no information from our supplier.

SECTION 16. other information

Safety-relevant changes: none

Full text of hazard statements in section 3: H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness and dizziness. EUH066 Repeated exposure may cause skin dryness or cracking.

The information is based on the current state of our knowledge. They are intended to describe our products with regard to safety requirements and therefore do not have the meaning of guaranteeing specific properties. We do not assume any liability for the completeness, correctness, freedom from errors and adequacy of this information.
