



Protective wax for hardwood floors

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

1.1 Product identifier Protective wax for hardwood floors

1.2 Relevant identified uses of the substance or mixture and uses Protective wax is designed for regular and periodic renovation of oil-finished parquet floors (natural oil, hardwax, UV oil)

Product regulatory document:

TU BY 101040134.002-2014

1.3 Details of the supplier of the safety data sheet

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2 Hazards identification

2.1 Classification of the substance or mixture

Low-risk products by degree of exposure to the human body: Category 4.

2.2 Label elements

Signal word: Danger

Hazard pictograms:



Hazard statements:

H224: Extremely flammable liquid and vapour

Precautionary statements:

P210: Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking

P233: Keep container tightly closed

P240: Ground / bond container and receiving equipment

P241: Use explosion-proof electrical, ventilating and lighting equipment

P242: Use only non-sparking tools

P243: Take precautionary measures against static discharge

P280: Wear protective gloves / protective clothing / eye protection / face protection

P303+P361+P353: IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water or shower

P370+P378: In case of fire: Use the extinguishing tools appropriate for combustible liquids

P403+P235: Store in a well-ventilated place. Keep cool

3 Composition / information on ingredients

3.1 Description Mixture of substances

3.2 Hazardous components

Number	Component name	Content, %
CAS: 64742-48-9	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, < 2% aromatics	> 90 %

**Protective wax for hardwood floors****4 First aid measures**

- **General information:** In case of symptoms or in case of doubt consult a doctor. If unconscious, do not inject anything through the mouth, put the affected person on the side and call a doctor
- **After inhalation:** Bring the affected person to the fresh air and provide him with warmth and rest. If breathing is incorrect or if there is no breathing, perform CPR
- **After skin contact:** Remove contaminated clothes immediately. In case of contact with the skin, wash immediately with plenty of water and soap. Do not use solvents or diluents
- **After eye contact:** Rinse carefully with plenty of water for a few minutes. Remove contact lenses if you use them and if it is easy to do so. Continue eye rinsing. Immediately seek medical advice
- **After swallowing:** When swallowing rinse your mouth with water (only if the affected is conscious). Immediately seek medical advice. Keep the affected in peace. DO NOT cause vomiting
- **Information for doctor:** Treat symptomatically

5 Firefighting measures

5.1 General characteristics of fire risk Extremely hazardous flammable liquid

5.2 Special hazards arising from the substance or mixture: Extremely hazardous flammable liquid

5.3 Advice for firefighters

Can form explosive gas-air mixtures. When heated or in case of fire, toxic gases can be formed

In case of fire, cool with water the tanks at risk. In case of strong heating there is a risk of bursting for closed containers

Recommended extinguishing media

BOP powder composition, CO2 extinguisher, water vapor, water, kosma, alcohol-resistant air-mechanical foams with an optimum feed rate of 0.3 dm³/(m²/s). In large fires - water in thin spray. Containers can explode when heated

Protective equipment

Clothing, industrial gas mask of small dimensions PFM-1 with universal protective cartridge ROM, autonomous breathing

6 Accidental release measures**6.1 Personal and collective precautions, protective equipment and emergency procedures**

Local and general air ventilation in premises

Keep away from sources of ignition/heating/sparks/open fire. Do not smoke. Do not inhale vapours. In case of insufficient ventilation, respiratory protection is required

See firefighting measures in Chart 7 and 8

6.2 Environmental precautions

Prevent entry into water bodies, soil and sewage system.

6.3 Methods and material for containment and cleaning up

Sprinkle the protruding material with a non-combustible absorbing agent (e.g. sand, ground, vermiculites, Kieselgur) and collect it into disposal tanks in accordance with local regulations (see Chapter 13). Repeat cleaning with cleaning agents without solvents

See protective equipment in Chart 8

7 Handling and storage**7.1 Precautions for safe handling**

Keep out of the reach of children, store separately from food in a hermetically sealed package. Keep out of ignition / heating / sparks / open fire. Do not smoke

The room should be provided with ventilation

Use PPE, personal hygiene

SAFETY DATA SHEET
for chemical products



Protective wax for hardwood floors

7.2 Conditions for safe storage, including any incompatibilities

· **Safety measures for handling chemical products**

Shelf life is 12 months from the date of manufacture

Store in well-ventilated rooms. Store and transport at temperatures from plus 5 °C to plus 25 °C with a tightly closed lid

· **Packaging:** Metal cans

8 Exposure controls / personal protection

8.1 Control parameters

Components with maximum permissible concentration:

CAS	Description	DNEL indexes		
		64742-48-9	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, < 2% aromatics	If swallowing
On skin	Consumer, long-term exposure, systemic effects			
After inhaling	Consumer, long-term exposure, systemic effects			300 mg/kg bw/day (human body)

8.2 Personal protection

- **General recommendations:** Employees engaged in production, must regularly pass mandatory medical examination
Flammable. Poisonous. Avoid contact with the skin, eyes and body. When transfused, use rubber gloves. Avoid contact with the product, contact with eyes, with skin, with clothing. Do not inhale vapor. Do not smoke. Apply PPE, follow the rules of personal hygiene. Ventilation of premises, sealing of equipment
- **Respiratory protection:** Not required if the room is well ventilated
- **Skin protection:** Technical gloves (butyl rubber)
- **Eye protection:** Protective goggles
- **Overalls:** Cotton robes

9 Physical and chemical properties

- **Physical condition:** Liquid
- **Colour:** Light yellow
- **Odour:** Faint, typical
- **Density at 20 °C:** 0,76 g/m³
- **Solubility in water:** Insoluble
- **Closed-cup flash point:** 21 °C
- **Opened-cup flash point:** 35 °C
- **Opened-cup flame point:** 35 °C
- **Self-igniting:** 318 °C
- Dynamic viscosity at 20 °C** 15 mPa*s
- Kinematic viscosity at 20 °C** > 7 cSt

10 Stability and reactivity

10.1 Chemical stability

Stable under normal storage and use conditions.

10.2 Conditions to avoid

Protect from static electricity. Protect from ignition/heating/sparks/open fire. Do not smoke

10.3 Hazardous decomposition products

High temperatures may cause dangerous degradation products such as carbon dioxide, carbon monoxide



11 Toxicological information

- **Acute toxicity:**

Low-risk products by degree of exposure: Category 4

LD/LC 50 indexes		
64742-49-0 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, < 2% aromatics		
After swallowing	LD50	5000 mg/kg (rats)
On skin	LD50	> 5000 mg/kg (rabbits)
After inhaling	LC50	> 4.951 mg/l (rats)

- **Skin irritant effect:**

No irritant effect

- **Irritant effect on mucous membranes:**

No irritant effect

- **Sensitizing effect:**

No sensitizing effect

12 Ecological information

- **Aquatic toxicity:**

64742-48-9 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, < 2% aromatics		
EL 50	> 1000 mg/l (Seaweed) (Green algae / 72 h)	
	> 22 - < 46 mg/l (Daphnia) (Daphnia large / 48 h)	
LL 50	> 10- < 30 mg/l (Fish) (Oncorhynchus / 96 h)	
NOELR	< 1 mg/l (Seaweed) (Green algae / 72 h)	

- **Bioaccumulative potential**

No further relevant information available

- **Mobility (migration to the environment)**

No further relevant information available

- **Additional ecological information:**

Do not allow product to reach ground water, the environment

13 Disposal considerations

Avoid contact with the product, keep the package sealed

Disposal together with household waste is not allowed. Do not allow entry into the sewage system

Should be submitted for specialized processing in accordance with the requirements of the relevant services

14 Transport information

- **UN-Number**

ADR, ADN, IMDG, IATA: UN1263

- **UN proper shipping name**

ADR, ADN, IMDG, IATA: Paint and varnish material, N.O.S. (Contains White Spirit)

- **Transport hazard class(es)**

ADR, ADN, IMDG, IATA: 3 Flammable liquids

- **Packing group**

ADR, ADN, IMDG, IATA: II

- **Environmental hazards:**

- **Marine pollutant**

No further relevant information available

- **Environmental risks:**

The product contains substances hazardous to the environment: polyamide, C9 - C11 hydrocarbons, n-alkanes, isoalkanes, cyclics, < 2% aromatics

- **Special precautions for users:**

F-E, S-E

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

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for chemical products**

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15 Regulatory information

On the basis of the "General EU Classification Directive for mixtures" in its latest (current) version, the product is not subject to mandatory marking. Follow standard precautions when handling chemicals

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

Department issuing MSDS: Marketing and advertising Department
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