



**Protective wax for hardwood floors**

Revision: 03.11.2020

Version No. 3

Printing date 03.11.2020

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

### 1.1 Product identifier

· **Trade name:** Protective wax for hardwood floors

### 1.2 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

COSWICK Ltd.

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Republic of Belarus, 223034

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## 2 Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10-66-67: Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

· Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

· Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 2.2 Label elements

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· Code letter and hazard designation of product:

N Dangerous for the environment

· Risk phrases:

10 Flammable.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

### Safety phrases:

43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

57 Use appropriate container to avoid environmental contamination.

60 This material and its container must be disposed of as hazardous waste.

### 2.3 Other hazards

· Results of PBT and vPvB

· PBT: Not applicable.



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· vPvB: Not applicable.

### 3 Composition/information on ingredients

#### 3.1 Chemical characterization: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:** Void

CAS: 64742-49-0 EC number: 927-241-2 Reg.nr.: 01-2119471843-32	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics Xn R65 R10-52/53-66-67 Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412	>90%
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**Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

#### 4.1 Description of first aid measures

- **General information:** In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.
- **After inhalation:** Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.
- **After skin contact:** Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
- **After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
- **After swallowing:** If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

#### 5.1 Extinguishing media

· **Suitable extinguishing agents:**

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

#### 5.2 Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

#### 5.3 Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

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### 6 Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

#### 6.2 Environmental precautions:

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

#### 6.3 Methods and material for containment and cleaning up:

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7 Handling and storage

#### 7.1 Precautions for safe handling

Store in cool, dry place in tightly closed receptacles.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

#### 7.2 Conditions for safe

· Storage:

· Requirements to be met by

· Information about storage in

· Further information about

**7.3 Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

**8.1 Additional information about design of technical facilities:** No further data; see item 7.

#### 8.2 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

64742-49-0 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
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Oral consumer, long-term exposure, systemic effects 300 mg/kg bw/day (human)
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Dermal consumer, long-term exposure, systemic effects 300 mg/kg bw/day (human)
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worker, long-term exposure, systemic effects 300 mg/kg bw/day (human)
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Inhalative consumer, long-term exposure, systemic effects 900 mg/m <sup>3</sup> (human)
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worker, long-term exposure, systemic effects 1500 mg/m <sup>3</sup> (human)
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### 8.3 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Butyl rubber, BR

Recommended thickness of the material: <sup>3</sup> 0.5 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

The determined penetration times according to EN 374 part III are not performed under practical conditions.

Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· Eye protection: Tightly sealed goggles

· Body protection: Protective work clothing

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### · General Information

· *Appearance:*

Form:	liquid
Colour:	Yellowish
· Odour:	characteristic
· Odour threshold:	Not determined.
· <b>pH-value:</b>	Not determined.

#### · Change in condition

<i>Melting point/Melting range:</i>	110-190 °C
<i>Boiling point/Boiling range:</i>	Not determined.
· <b>Closed-cup flash point:</b>	48 °C
· <b>Opened-cup flash point:</b>	59°C
· <b>Flammability (solid,</b>	59°C

**gaseous):**

· <b>Ignition temperature:</b>	270 °C
· <i>Decomposition temperature:</i>	Not determined.
· <b>Self-igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Explosion limits:</b>	
<i>Lower:</i>	Not determined.
<i>Upper:</i>	Not determined.

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· <b>Vapour pressure:</b>	5 hPa
· <b>Density at 20°C:</b>	0.76 g/cm <sup>3</sup>
· <i>Relative density</i>	Not determined.
· <i>Vapour density</i>	Not determined.
· <i>Evaporation rate</i>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	insoluble
· <b>Segregation coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity at 20 °C:</b>	15 mPas (DIN 53214)
<i>Organic solvents:</i>	≈ 90 %

**9.2 Other information** No further relevant information available.

## 10 Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

- Thermal decomposition /

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity:
- LD/LC50 values relevant for classification:  
64742-49-0 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Oral LD50 5000 mg/kg (rat) (OECD 401)  
Dermal LD50 > 5000 mg/kg (rabbit) (OECD 402)  
Inhalative LC50/4 h > 4.951 mg/l (rat) (OECD 403)

Polyamid Polymer

- Oral LD50 > 2000 mg/kg (rat)
- Dermal LD50 > 2000 mg/kg (rat)

- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.



## 12 Ecological information

### 12.1 Toxicity

· Aquatic toxicity:

64742-49-0 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

EL50 > 1000 mg/l (alga) (green alga / 72 h)

> 22 - < 46 mg/l (daphnia) (daphnia magna / 48 h)

LL 50 > 10- < 30 mg/l (fish) (Oncorhynchus mykiss / 96 h)

NOELR < 1 mg/l (alga) (green alga / 72 h)

Polyamid Polymer

EC50 0.025 mg/l (alga)

NOEC 0.0073 mg/l (alga)

> 0.024 mg/l (daphnia) (Daphnia magna / 48 h)

> 0.024 mg/l (fish) (Cyprinus carpio / 96 h)

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

· Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

### 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

## 13 Disposal considerations

### 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

07 07 04\* other organic solvents, washing liquids and mother liquors

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

## 14 Transport information

### 14.1 UN-Number

· ADR, IMDG, IATA UN1993

### UN proper shipping name

· ADR 1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics),

· IMDG FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics, Polyamid

Polymer)

· IATA FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)

**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31



**Protective wax for hardwood floors**

· **Transport hazard class(es)**

**ADR, ADN, IMDG, IATA**

Class 3 Flammable liquids.  
Label 3



· **Packing group**

**ADR, IMDG, IATA** III

· **Environmental hazards:**

**Marine pollutant:**

· **Special precautions for user**

**Special precautions for user Warning:** Flammable liquids.

· Danger code (Kemler): 30

· EMS Number: F-E,S-E

· **Transport in bulk according** Not applicable.

**to Annex II of MARPOL73/78**

**and the IBC Code**

· **Transport/Additional information:** ADR  
 · Limited quantities (LQ) 5L  
 · Transport category 3  
 · Tunnel restriction code D/E

## 15 Regulatory information

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

· National regulations:

· Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

**15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**

## 16 Other information

**SAFETY DATA SHEET**  
*according to 1907/2006/EC, Article 31*



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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.

· Relevant phrases

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

R10 Flammable.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

- **Department issuing MSDS:** Marketing and advertising Department
- **Contact:** Kuzmich Veranika kuzmichvn@coswick.org

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals