

## Safety Data Sheet

*acc. to OSHA HCS*

Printing date 05/25/2018

Reviewed on 05/24/2018

### 1 Identification

#### Product identifier

**Trade name:** **5125 Osmo Polyx® Professional Hardwax-Oil**

**Application of the substance / the mixture** Coating compound/ Surface coating/ paint  
Paint

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

**Manufacturer/Supplier:** Osmo Holz und Color GmbH & Co. KG  
Affhüppen Esch 12  
D-48231 Warendorf  
Germany

**Information department:** Product safety department  
Phone: +49 (0) 251 / 692 - 188  
Fax: +49 (0) 251 / 692 - 462  
e-mail: [helmut.starp@osmo.de](mailto:helmut.starp@osmo.de)

**Emergency telephone number:** 24h-Emergency Phone Number:  
For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call Day or Night within USA and Canada 1-800-424-9300  
Outside USA and Canada 001-703-527-3887 (WISAG FMO cargo Services GmbH & Co.KG)

### 2 Hazard(s) identification

**Classification of the substance or mixture** The product is not classified, according to the Globally Harmonized System (GHS).

#### Label elements

**GHS label elements** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed.  
P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.  
P262 Do not get in eyes, on skin, or on clothing.  
P271 Use only outdoors or in a well-ventilated area.  
P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Information pertaining to particular dangers for man and environment:**

Observe the general safety regulations when handling chemicals.  
Always wear a dust mask when sanding.

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**Classification system:**

<b>NFPA ratings (scale 0 - 4)</b>	Health = 0
	Fire = 1
	Reactivity = 0
<b>HMIS-ratings (scale 0 - 4)</b>	Health = 0
	Fire = 1
	Reactivity = 0

**Other hazards** CAUTION: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

**Results of PBT and vPvB assessment**

<b>PBT:</b>	Not applicable.
<b>vPvB:</b>	Not applicable.

**3 Composition/information on ingredients**

**Chemical characterization: Mixtures**

<b>Description:</b>	Mixture of the substances listed below with nonhazardous additions.
<b>Dangerous components:</b>	Void

**4 First-aid measures**

**Description of first aid measures**

<b>General information:</b>	Immediately remove any clothing soiled by the product. Take affected persons out into the fresh air.
<b>After inhalation:</b>	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
<b>After skin contact:</b>	In case of unconsciousness place patient stably in side position for transportation. Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. If irritation persists get medical attention.
<b>After swallowing:</b>	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting; immediately call for medical help.
<b>Information for doctor:</b>	
<b>Most important symptoms and effects, both acute and delayed</b>	Dizziness Headache
<b>Indication of any immediate medical attention and special treatment needed</b>	No further relevant information available.

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### 5 Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing agents:** CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable**

**extinguishing agents:** Water with full jet

**Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

**Advice for firefighters**

**Protective equipment:** Mouth respiratory protective device.

**Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

**Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

**Methods and material for**

**containment and cleaning up:**

Warm water and cleansing agent  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

**Reference to other sections**

No dangerous substances are released.  
See Section 13 for disposal information.

**Protective Action Criteria for Chemicals**

**PAC-1:**

None of the ingredients is listed.

**PAC-2:**

None of the ingredients is listed.

**PAC-3:**

None of the ingredients is listed.

### 7 Handling and storage

**Handling:**

**Precautions for safe handling**

Use only in well ventilated areas.  
Keep away from heat and direct sunlight.  
Keep receptacles tightly sealed.

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	Prevent formation of aerosols.
<b>Information about protection against explosions and fires:</b>	No special measures required.
<b>Conditions for safe storage, including any incompatibilities</b>	
<b>Storage:</b>	
<b>Requirements to be met by storerooms and receptacles:</b>	Store only in the original receptacle. Store in a cool location.
<b>Information about storage in one common storage facility:</b>	Do not store together with alkalis (caustic solutions). Do not store together with oxidizing and acidic materials.
<b>Further information about storage conditions:</b>	Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.
<b>Specific end use(s)</b>	No further relevant information available.

### 8 Exposure controls/personal protection

<b>Additional information about design of technical systems:</b>	No further data; see item 7.
<b>Control parameters</b>	
<b>Components with limit values that require monitoring at the workplace:</b>	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
<b>Additional information:</b>	The lists that were valid during the creation were used as basis.
<b>Exposure controls</b>	
<b>Personal protective equipment:</b>	
<b>General protective and hygienic measures:</b>	Do not eat, drink, smoke or sniff while working. Do not carry product impregnated cleaning cloths in trouser pockets. Immediately remove all soiled and contaminated clothing. Keep away from foodstuffs, beverages and feed. Avoid contact with the eyes and skin.
<b>Breathing equipment:</b>	Not necessary if room is well-ventilated. Use suitable respiratory protective device only when aerosol or mist is formed. Short term filter device: Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 ° C)).
<b>Protection of hands:</b>	Protective gloves To avoid skin problems reduce the wearing of gloves to the required minimum.

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	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
<b>Material of gloves</b>	Nitrile rubber, NBR
<b>Penetration time of glove material</b>	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>For the permanent contact gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>As protection from splashes gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>Eye protection:</b>	Goggles recommended during refilling.
<b>Body protection:</b>	Protective work clothing

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Viscous
<b>Color:</b>	Yellowish
<b>Odor:</b>	Mild

##### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	> 180 °C (>356 °F)

**Flash point:** > 100 °C (>212 °F) (DIN 53213)

**Auto igniting:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

**Density at 20 °C (68 °F):** 0.94-0.98 g/cm<sup>3</sup> (7.844-8.178 lbs/gal) (DIN 51757)

##### Solubility in / Miscibility with

**Water:** Not miscible or difficult to mix.

##### Viscosity:

**Dynamic:** Not determined.

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<b>Kinematic at 20 °C (68 °F):</b>	130-145 s (DIN 53211/4)
<b>Solvent content:</b>	
<b>VOC content:</b>	< 50 g/l / 0.42 lb/gl
<b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

<b>Reactivity</b>	No further relevant information available.
<b>Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>Possibility of hazardous reactions</b>	Reacts with fabric soaked in the product (e.g. cleaning wool).
<b>Conditions to avoid</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)
<b>Additional information:</b>	CAUTION: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

### 11 Toxicological information

<b>Information on toxicological effects</b>	
<b>Acute toxicity:</b>	
<b>Primary irritant effect:</b>	
<b>on the skin:</b>	No irritant effect.
<b>on the eye:</b>	No irritating effect.
<b>Sensitization:</b>	Sensitizing effect by skin contact is possible with prolonged exposure.
<b>Additional toxicological information:</b>	The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### Carcinogenic categories

<b>IARC (International Agency for Research on Cancer)</b>
None of the ingredients is listed.
<b>NTP (National Toxicology Program)</b>
None of the ingredients is listed.

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**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**12 Ecological information**

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

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

**Behavior in environmental systems:**

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

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

**Additional ecological information:**

**General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

**13 Disposal considerations**

**Waste treatment methods**

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

**Uncleaned packagings:**

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

**14 Transport information**

**UN-Number**

**DOT, ADR, ADN, IMDG, IATA** Void

**UN proper shipping name**

**DOT, ADR, ADN, IMDG, IATA** Void

**Transport hazard class(es)**

**DOT, ADR, ADN, IMDG, IATA**

**Class** Void

**Packing group**

**DOT, ADR, IMDG, IATA** Void

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<b>Environmental hazards:</b>	
<b>Marine pollutant:</b>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

### 15 Regulatory information

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

**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**Proposition 65**

**Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenicity categories**

**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**GHS label elements**                      Void

**Hazard pictograms**                      Void

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<b>Signal word</b>	Void
<b>Hazard statements</b>	Void
<b>Precautionary statements</b>	P262 Do not get in eyes, on skin, or on clothing. P271 Use only outdoors or in a well-ventilated area. P370+P378 In case of fire: Use for extinction: CO <sub>2</sub> , powder or water spray. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Chemical safety assessment:</b>	A Chemical Safety Assessment has not been carried out.

### 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.

<b>Department issuing SDS:</b>	product safety department
<b>Contact:</b>	Hr. Dr. Starp
<b>Date of preparation / last revision</b>	05/25/2018 / 13
<b>Abbreviations and acronyms:</b>	ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit

**\* Data compared to the previous version altered.**