

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 08.05.2012

Version number 12

Revision: 08.05.2012

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

1.1 Product identifier

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

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

Application of the substance / the preparation

Paint
 Coating compound/ Surface coating/ paint

1.3 Details of the supplier of the safety data sheet

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

Further information obtainable from:

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

1.4 Emergency telephone number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English

2 Hazards identification

2.1 Classification of the substance or mixture

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

Not applicable.

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

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:

Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed.

Safety phrases:

- 2 Keep out of the reach of children.
- 24/25 Avoid contact with skin and eyes.
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 51 Use only in well-ventilated areas.

(Contd. on page 2)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 08.05.2012

Version number 12

Revision: 08.05.2012

Trade name: 5125 Osmo Polyx® Professional Hardwax-Oil

(Contd. of page 1)

Special labelling of certain preparations:

Warning:

Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

Contains 2-butanonoxime. May produce an allergic reaction.

Safety data sheet available for professional user on request.

Additional information:

Observe the general safety regulations when handling chemicals.

Always wear a dust mask when sanding.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components: Void

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: Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

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

After swallowing: If swallowed, seek medical advice immediately and show this container or label.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Dizziness

Headache

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

(Contd. on page 3)

Safety data sheet
 according to 1907/2006/EC, Article 31

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Version number 12

Revision: 08.05.2012

Trade name: 5125 Osmo Polyx® Professional Hardwax-Oil

(Contd. of page 2)

5 Firefighting measures

5.1 Extinguishing media

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

For safety reasons unsuitable extinguishing agents:

Water with full jet

5.2 Special hazards arising from the substance or mixture

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

5.3 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

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

6.2 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.

6.3 Methods and material for containment and cleaning up:

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

6.4 Reference to other sections

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

7 Handling and storage

7.1 Precautions for safe handling

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

Information about fire - and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.
 Store in a cool location.

(Contd. on page 4)

Safety data sheet
 according to 1907/2006/EC, Article 31

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Version number 12

Revision: 08.05.2012

Trade name: 5125 Osmo Polyx® Professional Hardwax-Oil

(Contd. of page 3)

Information about storage in one common storage facility:

Do not store together with alkalis (caustic solutions).
 Do not store together with oxidizing and acidic materials.

Further information about storage conditions:

Keep container tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s)

No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

8.1 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.

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

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.

Respiratory protection:

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)).

Protection of hands:

Protective gloves
 To avoid skin problems reduce the wearing of gloves to the required minimum.
 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

Nitrile rubber, NBR

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR

For the permanent contact of a maximum of 15 minutes gloves

(Contd. on page 5)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 08.05.2012

Version number 12

Revision: 08.05.2012

Trade name: 5125 Osmo Polyx® Professional Hardwax-Oil

(Contd. of page 4)

*made of the following materials
 are suitable:*

Nitrile rubber, NBR

*As protection from splashes
 gloves made of the following
 materials are suitable:*

Nitrile rubber, NBR

Eye protection:

Goggles recommended during refilling

Body protection:

Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

<i>Form:</i>	Viscous
<i>Colour:</i>	Yellowish
<i>Odour:</i>	Mild

Change in condition

<i>Melting point/Melting range:</i>	Undetermined.
<i>Boiling point/Boiling range:</i>	> 180°C

Flash point: > 100°C (DIN 53213)

Self-igniting: Product is not selfigniting.

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

Density at 20°C: 0.94-0.98 g/cm³ (DIN 51757)

*Solubility in / Miscibility with
 water:* Not miscible or difficult to mix.

Viscosity:
Kinematic at 20°C: 70 - 80 s (DIN 53211/4)

Solvent content:
VOC (EC) < 50 g/l (VOC-max. = 500 g/l (2010 A/i))
9.2 Other information No further relevant information available.

10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

*Thermal decomposition /
 conditions to be avoided:*

No decomposition if used according to specifications.

(Contd. on page 6)

Safety data sheet
 according to 1907/2006/EC, Article 31

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Version number 12

Revision: 08.05.2012

Trade name: 5125 Osmo Polyx® Professional Hardwax-Oil

(Contd. of page 5)

10.3 Possibility of hazardous reactions

Reacts with fabric soaked in the product (e.g. cleaning wool).

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)**Additional information:**

Warning:

Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

11 Toxicological information

11.1 Information on toxicological effects**Acute toxicity:****LD/LC50 values relevant for classification:****96-29-7 2-butanonoxime**

Oral	LD50	3700 mg/kg (rat)
Dermal	LD50	200-2000 mg/kg (rat)
Inhalative	LC50 / 4h	20 mg/l (rat)

Primary irritant effect:**on the skin:**

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

on the eye:

Irritating effect.

Sensitization:

Sensitizing effect by skin contact is possible by prolonged exposure.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

12.1 Toxicity**Aquatic toxicity:**

No further relevant information available.

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 1 (German Regulation) (Self-assessment): slightly hazardous for water

(Contd. on page 7)

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Trade name: 5125 Osmo Polyx® Professional Hardwax-Oil

(Contd. of page 6)

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

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**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

08 01 11	waste paint and varnish containing organic solvents or other dangerous substances
15 01 10	packaging containing residues of or contaminated by dangerous substances

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14 Transport information**14.1 UN-Number**

ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

(Contd. on page 8)

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(Contd. of page 7)

15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:****GISBAU-Code**

GISCODE: Ö10

VOC (EC)

< 50 g/l (VOC-max. = 500 g/l (2010 A/i))

15.2 Chemical safety assessment: 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.

Department issuing MSDS: product safety department**Contact:** Hr. Dr. Starp

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