

Safety Data Sheet

according to HPR, Schedule 1

Printing date 08/28/2017

Reviewed on 08/28/2017

1 Identification

1.1 Product identifier

Trade name: **Polyx®-Oil**

Article number: 3031 clear matt, 3043 clear satin

Application of the substance / the mixture 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

Information department: 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:

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)

Importer Osmo Wood and Colour Canada Ltd.
5515 – 92 ST NW
Edmonton, Alberta T6E 3A4
Canada
Tel: 001 (877) 746 6583
E-mail: info@osmo.ca

2 Hazard identification

2.1 Classification of the substance or mixture

Classification according to Hazardous Products Regulations

Flam. Liq. 4 H227 Combustible liquid.

2.2 Label elements

Labelling according to Hazardous

Products Regulations The product is classified and labeled according to the CLP regulation.

Hazard pictograms Void

Signal word Warning

Hazard statements H227 Combustible liquid.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P280 Wear protective gloves / eye protection.
 P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.
 P403 Store in a well-ventilated place.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Hazard description:

WHMIS-symbols: B3 - Combustible liquid

**Classification system:**

NFPA ratings (scale 0 - 4) Health = 0
 Fire = 2
 Reactivity = 0

HMIS-ratings (scale 0 - 4) Health = 0
 Fire = 2
 Reactivity = 0


2.3 Other hazards Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard.

3 Composition/Information on ingredients

3.2 Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

64742-48-9	aliphatic hydrocarbons, C10-C13	 Asp. Tox. 1, H304; Flam. Liq. 4, H227	30-60%
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Additional information: 94/69/EC (21st ATP). The benzene content of the product is less than 0.1%.
 Classification or labeling as carcinogenic is not necessary.

4 First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

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

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; immediately call for medical help.

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4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 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:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

5.3 Advice for firefighters**Protective equipment:**

No special measures required.

6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**Ensure adequate ventilation
Keep away from ignition sources**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**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**No special precautions are necessary if used correctly.
Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.
Use only in well ventilated areas.
Prevent formation of aerosols.**Information about protection against explosions and fires:**

No special measures required.

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7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

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

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:

None.
Keep receptacle 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 systems:

No further data; see item 7.

8.1 Control parameters

Components 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 that were valid during the creation 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.

Breathing equipment:

Use suitable respiratory protective device only when aerosol or mist is formed.
Not necessary if room is well-ventilated.
Short term filter device:

Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 °C)).

Protection of hands:

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

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.

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Penetration time of glove material The exact break trough 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
Recommended thickness of the material: ≥ 0.4 mm

Eye protection: Goggles recommended during refilling.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid
Color: According to product specification
Odor: Characteristic

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

Flash point: > 65 °C (DIN 52231)

Ignition temperature: 240 °C

Auto igniting: Product is not selfigniting.

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

Explosion limits:

Lower: 0.6 Vol %
Upper: 7.0 Vol %

Vapor pressure at 20 °C: 1 hPa

Density at 20 °C: 0.9-0.98 g/cm³ (DIN 51757)

Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

Viscosity:

Dynamic: Not determined.
Kinematic at 20 °C: 70-140 s (DIN 53211/4)

9.2 Other information VOC Content: < 450 g/l

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10 Stability and reactivity

10.1 Reactivity	No further relevant information available.
10.2 Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
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: Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:**64742-48-9 aliphatic hydrocarbons, C10-C13**

Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 5000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	21 mg/l (rat) (OECD 403)

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: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Additional toxicological information:**Carcinogenic categories**

IARC (International Agency for Research on Cancer)		
112926-00-8	Precipitated silica (Silica-Amorphous)	3
14808-60-7	Quartz (SiO ₂)	1

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NTP (National Toxicology Program)14808-60-7 | Quartz (SiO₂)

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12 Ecological information**12.1 Toxicity****Aquatic toxicity:****64742-48-9 aliphatic hydrocarbons, C10-C13**

EC50 / 48h > 1000 mg/l (daphnia) (OECD 202)

EC50/ 72h > 1000 mg/l (algae) (OECD 201)

LC50 / 96h > 1000 mg/l (fish) (OECD 203)

Biolog. Abbaubarkeit (leicht abbaubar)

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 (Self-assessment): slightly hazardous for water**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 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****14.1 UN-Number****DOT, TDG, ADN, IMDG, IATA** Void**14.2 UN proper shipping name****DOT, TDG, ADN, IMDG, IATA** Void

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14.3 Transport hazard class(es) <i>DOT, TDG, ADN, IMDG, IATA</i> Class	Void
14.4 Packing group <i>DOT, TDG, IMDG, IATA</i>	Void
14.5 Environmental hazards: <i>Marine pollutant:</i>	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.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

15 Regulatory information

15.1 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.

Canadian substance listings:**Canadian Domestic Substances List (DSL)**

All ingredients are listed.

Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

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.

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Relevant phrases

H227 Combustible liquid.
 H304 May be fatal if swallowed and enters airways.

Department issuing SDS:

product safety department

Contact:

Hr. Dr. Starp

Date of preparation / last revision

08/28/2017 / -

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 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)
 WHMIS: Workplace Hazardous Materials Information System (Canada)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

** Data compared to the previous
 version altered.*

