

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

#### 1 Identification

**Product identifier**
**Trade name:** Polymer Composite Maintenance Oil

**Other means of identification**
**Article number:** 030 Clear satin

**Application of the substance**
**/ the mixture** Maintenance product  
Conjugated Oil Varnish

**Details of the supplier of the safety data sheet**
**Manufacturer/Supplier:**
**Supplier** Osmo Wood and Colour Canada Ltd.  
420 Thompson Drive - Unit 2  
N1T 2K8 Cambridge, ON  
Canada  
Tel: +1-844-OSMOCAN  
E-mail: info@osmo.ca

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

**Information department:** Product safety department  
Tel.: +49 (0) 251 / 692 - 188  
Fax: +49 (0) 251 / 692 - 462  
e-mail: 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 (CCN 16475)

#### 2 Hazard identification

**Classification of the substance or mixture**

Flammable liquids – Category 4 H227 Combustible liquid.

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**Label elements**
**Hazard pictograms** Void

**Signal word** Warning

**Hazard statements** H227 Combustible liquid.

(Contd. on page 2)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 1)

**Precautionary statements**

P102 Keep out of reach of children.  
 P210 Keep away from flames and hot surfaces. No smoking.  
 P262 Do not get in eyes, on skin, or on clothing.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves / eye protection.  
 P370+P378 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.  
 P403 Store in a well-ventilated place.  
 P501 Dispose of contents/container in accordance with national regulations.

**Information pertaining to particular dangers for man and environment:****Classification system:****NFPA ratings (scale 0 - 4)**

Health = 0  
 Fire = 2  
 Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

Health = 0  
 Fire = 2  
 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.  
 Always wear a dust mask when sanding.  
 Observe the general safety regulations when handling chemicals.

### 3 Composition/Information on ingredients

**Chemical characterization: Mixtures**

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

**Dangerous components:**

CAS: 64742-48-9	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %	25-50% w/w *
	 Aspiration hazard – Category 1, H304; Flammable liquids – Category 4, H227	

\* Actual concentration ranges are withheld as a trade secret.

### 4 First-aid measures

**Description of first aid measures****General information:**

Take affected persons out into the fresh air.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.  
 In case of unconsciousness place patient stably in side position for transportation.

(Contd. on page 3)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 2)

<b>After skin contact:</b>	Immediately wash with water and soap and rinse thoroughly. If skin irritation or rash occurs: Get medical advice/attention.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing:</b>	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.
<b>Most important symptoms and effects, both acute and delayed</b>	Headache Dizziness
<b>Indication of any immediate medical attention and special treatment needed</b>	If swallowed or in case of vomiting, danger of entering the lungs.

### 5 Fire-fighting measures

<b>Extinguishing media</b>	
<b>Suitable extinguishing agents:</b>	CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>For safety reasons unsuitable extinguishing agents:</b>	Water with full jet
<b>Special hazards arising from the substance or mixture</b>	No further relevant information available.
<b>Advice for firefighters</b>	
<b>Protective equipment:</b>	General measures for chemical fires.
<b>Additional information</b>	Cool endangered receptacles with water spray.

### 6 Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep away from ignition sources Ensure adequate ventilation Wear protective clothing.
<b>For non-emergency personnel</b>	No action shall be taken involving any personal risk or without suitable training.
<b>For emergency responders</b>	Wear protective equipment. Keep unprotected persons away.
<b>Environmental precautions:</b>	Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

(Contd. on page 4)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 3)

**Methods and material for****containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose of the collected material according to regulations.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Warm water and cleansing agent

**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

**Precautions for safe handling**

Use only in well ventilated areas.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

**General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Do not eat, drink, smoke or sniff while working.

Do not carry product impregnated cleaning cloths in trouser pockets.

**Information about protection****against explosions and fires:**

Keep respiratory protective device available.

**Handling:**

Even a small sip can lead to life-threatening damage to the lungs. Keep rags filled with this liquid out of the reach of children.

**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by****storerooms and receptacles:**

Store only in the original receptacle.

**Information about storage in****one common storage facility:**

Not required.

**Further information about****storage conditions:**

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**Storage class:**

VCI storage class (VCI = German Association of the Chemical Industry): 10

**Specific end use(s)**

No further relevant information available.

(Contd. on page 5)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 4)

### 8 Exposure controls/ Personal protection

**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.

**Exposure controls**
**Personal protective equipment:**
**General protective and  
hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Avoid contact with the eyes and skin.  
Immediately remove all soiled and contaminated clothing.  
Do not inhale gases / fumes / aerosols.  
The usual precautionary measures for handling chemicals should be followed.  
Do not eat, drink, smoke or sniff while working.  
See Section 7 for information on safe handling.

**Breathing equipment:**

Not necessary if room is well-ventilated.  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.  
Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.  
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Protection of hands:**

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

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**

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

(Contd. on page 6)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 5)

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

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

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

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

Nitrile rubber, NBR

**Eye protection:**

Tightly sealed goggles

**Body protection:**

Protective work clothing

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

**Physical state**

Liquid

**Color:**

Yellowish

**Odor:**

Mild

**Odor threshold:**

Not determined.

**Melting point/Melting range:**

Undetermined.

**Boiling point/Boiling range:**

$\geq 170$ – $\leq 260$  °C (CAS: 64742-48-9 aliphatic  
hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics,  
aromatics < 2 %)

**Flammability:**

Not applicable.

**Explosion limits:****Lower:**

0.6 Vol %

**Upper:**

7 Vol %

**Flash point:**

&gt; 60 °C (DIN EN ISO 2719)

**Decomposition temperature:**

Not determined.

**pH-value:**

Mixture is non-polar/aprotic.

**Viscosity:****Dynamic:**

Not determined.

**Solubility in / Miscibility with****Water:**

Not miscible or difficult to mix.

**Partition coefficient (n-octanol/water):**

Not determined.

**Vapor pressure:**

Not determined.

**Vapor pressure:****Density at 20 °C:**0.85–0.9 g/cm<sup>3</sup> (DIN 51757)**Relative density**

Not determined.

(Contd. on page 7)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 6)

<b>Particle characteristics</b>	Not applicable.
<b>Other information</b>	
<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Solvent content:</b>	
<b>VOC content:</b>	<450 g/l Environment Canada VOC Classification: 32 – Conjugated Oil Varnish Conjugated oil varnish for sealing wood with a film formation due to the polymerization of naturally occurring conjugated vegetable oil, modified with other natural or synthetic resins of which a minimum of 50% of the resin solids consist of conjugated oils, and that is supplied as a single component product.
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

## 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 and stored according to specifications.
<b>Possibility of hazardous reactions</b>	Reacts with fabric soaked in the product (e.g. cleaning wool). Self igniting.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	Carbon monoxide and carbon dioxide Nitrogen oxides (NO <sub>x</sub> )
<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.

(Contd. on page 8)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 7)

### 11 Toxicological information

#### Information on toxicological effects

##### Acute toxicity:

##### LD/LC50 values that are relevant for classification:

**CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

##### Primary irritant effect:

**on the skin:** No irritant effect.  
Based on available data, the classification criteria are not met.

**on the eye:** No irritating effect.  
Based on available data, the classification criteria are not met.

**Sensitization:** No sensitizing effects known.

**Subacute to chronic toxicity:** Based on available data, the classification criteria are not met.

##### Additional toxicological information:

##### Carcinogenic categories

##### IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

##### NTP (National Toxicology Program)

None of the ingredients is listed.

### 12 Ecological information

#### Toxicity

##### Aquatic toxicity:

**CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %**

EC50 / 48h	>1,000 mg/l (Daphnia magna)
IC50 / 72h	>1,000 mg/l (algae)
LC50 / 96h	>1,000 mg/l (fish)

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

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

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

##### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

(Contd. on page 9)



## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 8)

**Other adverse effects****Additional ecological information:**
**General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water

### 13 Disposal considerations

**Waste treatment methods**
**Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.  
 Disposal must be made according to official regulations.
**Uncleaned packagings:**
**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agent:**

 Water, if necessary with cleansing agents.  
 Solvent naphtha  
 Osmo Brush Cleaner and Thinner

### 14 Transport information

<b>UN-Number</b> <b>DOT/TDG, ADR, ADN, IMDG, IATA</b>	Not applicable
<b>UN proper shipping name</b> <b>DOT/TDG, ADR, ADN, IMDG, IATA</b>	Not applicable
<b>Transport hazard class(es)</b> <b>DOT/TDG, ADR, ADN, IMDG, IATA</b> <b>Class</b>	Not applicable
<b>Packing group</b> <b>DOT/TDG, ADR, IMDG, IATA</b>	Not applicable
<b>Environmental hazards:</b> <b>Marine pollutant:</b>	No
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Special precautions for user</b>	Not applicable.
<b>UN "Model Regulation":</b>	Not applicable

(Contd. on page 10)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 9)

### 15 Regulatory information

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

No further relevant information available.

**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 components have the value ACTIVE.

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

All ingredients are listed.

**Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is 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.

**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms**

Void

**Signal word**

Warning

**Hazard statements**

H227 Combustible liquid.

**Precautionary statements**

P102 Keep out of reach of children.  
 P210 Keep away from flames and hot surfaces. No smoking.  
 P262 Do not get in eyes, on skin, or on clothing.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves / eye protection.  
 P370+P378 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.  
 P403 Store in a well-ventilated place.  
 P501 Dispose of contents/container in accordance with national regulations.

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

(Contd. on page 11)

## Safety Data Sheet

### according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 4.0

Revision: 11/17/2025

**Trade name: Polymer Composite Maintenance Oil**

(Contd. of page 10)

#### 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.

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

**Department issuing SDS:**            product safety department

**Contact:**                                Hr. Dr. Starp

**Version number of previous  
 version:**                                3.4

**Date of preparation**                   11/17/2025

**Abbreviations and acronyms:** IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 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)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

**Sources**                                Safety data sheets from raw material suppliers  
    ESIS : European chemical Substances Information System  
    ECHA Portal

**\* Data compared to the  
 previous version altered.**            Additions, deletions, revisions