

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/17/2025

Version number 6.0

Revision: 11/17/2025

1 Identification

Product identifier**Trade name:****Osmo Wood Wax Finish****Other means of identification****Article number:**3101-3188
& mixed shades**Application of the substance****/ the mixture**

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
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.

Label elements**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.

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P370+P378 In case of fire: Use CO₂, 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

Observe the general safety regulations when handling chemicals.

Always wear a dust mask when sanding.

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.

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 %  Aspiration hazard – Category 1, H304; Flammable liquids – Category 4, H227	15-40% w/w *
CAS: 13463-67-7	titanium dioxide - aerodynamic diameter >10 µm	0-40% w/w *

* Actual concentration ranges are withheld as a trade secret.

4 First-aid measures**Description of first aid measures****General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.

Rinse with warm water.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**After swallowing:** Rinse mouth.

Do NOT induce vomiting.

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**Most important symptoms
and effects, both acute and
delayed**

If symptoms persist consult doctor.

**Indication of any immediate
medical attention and special
treatment needed**

No further relevant information available.

No further relevant information available.

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:

General measures for chemical fires.

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
 Keep away from ignition sources
 Wear protective clothing.

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).
 Dispose of the collected material according to regulations.
 Ensure adequate ventilation.

Reference to other sections

 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.

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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.
 Prevent formation of aerosols.

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
 Do not inhale gases / fumes / aerosols.

Information about protection against explosions and fires: Protect against electrostatic charges.

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: Store receptacle in a well ventilated area.

Storage class: 10

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

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:

Do not eat, drink, smoke or sniff while working.
 Do not carry product impregnated cleaning cloths in trouser pockets.
 Keep away from foodstuffs, beverages and feed.
 Do not inhale gases / fumes / aerosols.

Breathing equipment:

Use suitable respiratory protective device only when aerosol or mist is formed.
 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

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Protection of hands:

Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
Not necessary if room is well-ventilated.

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.

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

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

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

Information on basic physical and chemical properties**General Information****Physical state**

Liquid

Color:

Different according to coloring

Odor:

Mild

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

> 180 °C (DIN 51751)

Explosion limits:**Lower:**

0.7 Vol %

Upper:

6.0 Vol %

Flash point: ≥ 61 °C (DIN EN ISO 2719)**Auto igniting:**

240 °C

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pH-value:	Not applicable
Viscosity:	
Kinematic at 20 °C:	35-45 s (DIN 53211/4mm)
Dynamic at 40 °C:	>18.9–27.3 mPas
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Vapor pressure:	3 hPa [20°C]
Density at 20 °C:	0.90 - 1.4 g/cm ³ (DIN 51757)
Particle characteristics	Not applicable.

Other information**Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety.****Ignition temperature:**

Product is not selfigniting.

Danger of explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Solvent content:**VOC content:**

< 400 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.

10 Stability and reactivity

Reactivity

No further relevant information available.

Chemical stability**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

Possibility of hazardous reactionsReacts with fabric soaked in the product (e.g. cleaning wool).
Reacts with acids, alkalis and oxidizing agents.**Conditions to avoid**

No further relevant information available.

Incompatible materials:

No further relevant information available.

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

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

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:**

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

on the eye:

No irritating effect.

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

Sensitization:

Sensitizing effect by skin contact is possible with prolonged exposure.

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)

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LC50 / 96h	>1,000 mg/l (fish)
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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.

Other adverse effects
Additional ecological information:
General notes: Water hazard class 2 (Self-assessment): hazardous for water
 Danger to drinking water if even small quantities leak into the ground.

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.

14 Transport information

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

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.

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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 CO₂, 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.

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

Date of previous version 11/12/2018

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

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