

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

1 Identification

Product identifier
Trade name: UV-Protection-Oil, colorless

Other means of identification
Article number: 410 Clear Satin
& 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.

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.

Precautionary statements P101 If medical advice is needed, have product container or label at hand.

(Contd. on page 2)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 2)

After inhalation:	Supply fresh air; consult doctor in case of complaints. 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 or rash occurs: Get medical advice/attention.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	Headache Dizziness
Indication of any immediate medical attention and special treatment needed	If swallowed or in case of vomiting, danger of entering the lungs.

5 Fire-fighting measures

Extinguishing media Suitable extinguishing agents:	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents:	None known.
Special hazards arising from the substance or mixture	Formation of toxic gases is possible during heating or in case of fire. Carbon monoxide (CO) carbon dioxide (CO ₂)
Advice for firefighters Protective equipment:	Mouth respiratory protective device. Do not inhale explosion gases or combustion gases. Wear self-contained respiratory protective device. General measures for chemical fires.
Additional information	Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Cool endangered receptacles with water spray.

(Contd. on page 4)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 3)

6 Accidental release measures

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

Ensure adequate ventilation
Keep away from ignition sources
Wear protective clothing.

**For non-emergency
personnel**

No action shall be taken involving any personal risk or without suitable training.

For emergency responders

Wear protective equipment. Keep unprotected persons away.

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:

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.

Avoid contact with the eyes and skin.

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.

(Contd. on page 5)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 4)

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

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:
CAS: 34590-94-8 Dipropylene glycol monomethyl ether

EL	Short-term value: 150 ppm Long-term value: 100 ppm Skin
EV	Short-term value: 910 mg/m ³ , 150 ppm Long-term value: 605 mg/m ³ , 100 ppm

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.
 Immediately remove all soiled and contaminated clothing.
 Avoid contact with the eyes and skin.
 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.
 Do not carry product impregnated cleaning cloths in trouser pockets.
 See Section 7 for information on safe handling.

Breathing equipment: Use suitable respiratory protective device only when aerosol or mist is formed.
 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.

(Contd. on page 6)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 5)

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.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

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

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 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:

Bei Spritzgefahr:

Schutzbrille mit Seitenschutz (Gestellbrille) (z.B. EN 166)

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:

According to product specification

Odor:

Mild

Odor threshold:

Not determined.

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

> 180 °C

(Contd. on page 7)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 6)

Flammability:	Not applicable.
Explosion limits:	
Lower:	0.6 Vol %
Upper:	7.0 Vol %
Flash point:	≥ 65 °C (DIN ISO EN 2719)
Auto igniting:	240 °C
Decomposition temperature:	Not determined.
pH-value:	Mixture is non-polar/aprotic.
Viscosity:	
Kinematic at 20 °C:	60-70 s (DIN 53211/4mm)
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:	0.95-0.97 g/cm ³ (DIN 51757)
Relative density	Not determined.
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 does not present an explosion hazard.

Solvent content:**VOC content:**

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.

<400 g/l / <3.3 lb/gal

Change in condition**Evaporation rate**

Not determined.

(Contd. on page 8)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 7)

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 reactions	Reacts with fabric soaked in the product (e.g. cleaning wool).
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	Formation of toxic gases is possible during heating or in case of fire. 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)

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>19,020 mg/kg (rat) 13,000–14,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (senastrum capricornutum)

Primary irritant effect:

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

on the eye: Irritating effect.

Sensitization: Sensitizing effect by skin contact is possible with prolonged exposure.

(Contd. on page 9)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 8)

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)		
CAS: 112926-00-8	Precipitated silica (Silica-Amorphous)	3
CAS: 7631-86-9	silicon dioxide, chemically prepared	3
CAS: 128-37-0	Butylated hydroxytoluene	3
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)
CAS: 34590-94-8 Dipropylene glycol monomethyl ether	
EC50 / 48h	70.2 mg/l 1,919 mg/l (Daphnia magna)
LC50 / 96h	5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
LC50 / 48h	10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
CAS: 127519-17-9 A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates	
EC50 / 48h	3.2 mg/l (Daphnia magna) (OECD-Richtlinie 202, Teil 1)
Biokonz.-Faktor	<3 (OECD-Richtlinie 305 C)

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
Remark: Harmful to aquatic life with long lasting effects.

Harmful to fish

(Contd. on page 10)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 9)

Additional ecological information:

General notes: Danger to drinking water if even small quantities leak into the ground.
 Water hazard class 2 (Self-assessment): hazardous for water
 Harmful to aquatic organisms

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:

Osmo Brush Cleaner and Thinner

14 Transport information

UN-Number <i>DOT/TDG, ADR, ADN, IMDG, IATA</i>	Not applicable
UN proper shipping name <i>DOT/TDG, ADN, IMDG, IATA</i> ADR	Not applicable Not applicable
Transport hazard class(es) <i>DOT/TDG, ADR, ADN, IMDG, IATA</i> Class	Not applicable
Packing group <i>DOT/TDG, ADR, IMDG, IATA</i>	Not applicable
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

(Contd. on page 11)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 10)

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%)

CAS: 34590-94-8 | Dipropylene glycol monomethyl ether

Per- and polyfluoroalkyl substances (PFAS)

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

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P262 Do not get in eyes, on skin, or on clothing.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.

(Contd. on page 12)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/13/2025

Version number 8.0

Revision: 10/23/2025

Trade name: UV-Protection-Oil, colorless

(Contd. of page 11)

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 12/04/2017

Version number of previous

version: 7.5

Date of preparation 11/13/2025

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