

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

1 Identification

1.1 Product identifier

Trade name: **Osmo Maintenance Oil**

Article number: 3079 Clear Matt, 3081 Clear Satin, 3440 White Transparent

Application of the substance / the mixture
Maintenance product
Coating compound/ Surface coating/ paint

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Supplier:
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

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

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)

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.

(Contd. on page 2)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 1)

Precautionary statements

Keep out of reach of children.

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

P103 Read label before use.

P210 Keep away from heat. - No smoking.

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

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.

Hazard description:**WHMIS-symbols:**

B3 - Combustible liquid

**Information pertaining to****particular dangers for man and environment:**

Warning:

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

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:

64742-47-8	Hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics  Asp. Tox. 1, H304	10-30%
64742-48-9	aliphatic hydrocarbons, C10-C13  Asp. Tox. 1, H304; Flam. Liq. 4, H227	10-30%
34590-94-8	(2-methoxymethylethoxy)propanol Flam. Liq. 4, H227	1-5%

(Contd. on page 3)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 2)

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; consult doctor in case of complaints. 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:	If skin irritation continues, consult a doctor. Immediately wash with water and soap and rinse thoroughly.
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.

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.

For safety reasons unsuitable extinguishing agents:

Water with full jet

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

Keep away from ignition sources
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).

(Contd. on page 4)

Safety Data Sheet
according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 3)

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

Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.

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

Storage class: 10

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:

34590-94-8 (2-methoxymethylethoxy)propanol

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.

(Contd. on page 5)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 4)

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

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Do not eat, drink, smoke or sniff while working.
 Avoid contact with the eyes and skin.

Breathing equipment:

Do not carry product impregnated cleaning cloths in trouser pockets.
 Use suitable respiratory protective device only when aerosol or mist is formed.
 Not necessary if room is well-ventilated.

Protection of hands:

Protective gloves and protective skin cream
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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

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 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

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:**

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

Change in condition

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

Flash point: >60°C °C (DIN 53213)

(Contd. on page 6)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 5)

Ignition temperature:	210 °C
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Density at 20 °C:	0,85-0,95 g/cm ³ (DIN 51757)
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	40-60 s (DIN 53211/4)
9.2 Other information	No further relevant information available.

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:

64742-47-8 Hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	LD50	>5000 mg/kg (rat)
------	------	-------------------

64742-48-9 aliphatic hydrocarbons, C10-C13

Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
------	------	-------------------------------

(Contd. on page 7)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 6)

Dermal	LD50	> 5000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	21 mg/l (rat) (OECD 403)
34590-94-8 (2-methoxymethylethoxy)propanol		
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat) 13000 - 14000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (selenastrum capricornutum)

Primary irritant effect:

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

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)		
7631-86-9	silicon dioxide, chemically prepared	3

NTP (National Toxicology Program)

None of the ingredients is listed.

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)
34590-94-8 (2-methoxymethylethoxy)propanol	
EC50 / 48h (static)	1919 mg/l (daphnia)
LC50 / 96h	5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
LC50 / 48h	10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

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-assesment): slightly hazardous for water

(Contd. on page 8)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 7)

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**14.3 Transport hazard class(es)****DOT, TDG, ADN, IMDG, IATA**
Class Void**14.4 Packing group****DOT, TDG, 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.**UN "Model Regulation":** Void

(Contd. on page 9)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 8)

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%)

34590-94-8 | (2-methoxymethylethoxy)propanol

7631-86-9 | silicon dioxide, chemically prepared

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.

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

12/04/2017 / 4

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

(Contd. on page 10)

Safety Data Sheet
according to HPR, Schedule 1

Printing date 12/04/2017

Reviewed on 12/04/2017

Trade name: Osmo Maintenance Oil

(Contd. of page 9)

PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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

CA