

## 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:

**Wood-Oil**

Article number:

1272 Thermowood Oil, 1273 Bangkirai Dark, 1274 Mahogany, 1275 Gray, 1276 Rosewood, 1277 Clear, 1278 Bangkirai

Application of the substance / the mixture

Coating compound/ Surface coating/ paint  
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.caManufacturer  
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

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

Flam. Liq. 4 H227 Combustible liquid.

#### 2.2 Label elements

Classification and labeling according to the Globally

Harmonized System (GHS).

Classification and labeling according to the Globally Harmonized System (GHS).

Hazard pictograms

Void

Signal word

Warning

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**Hazard statements**

H227 Combustible liquid.

**Precautionary statements**

Keep out of reach of children.

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

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. - No smoking.

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 for extinction: CO<sub>2</sub>, 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	10-30%
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### 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:**

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water.

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**After swallowing:** If swallowed, seek medical advice immediately and show this container or label.

**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:** CO<sub>2</sub>, 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).

**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 measures required.

**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:** No special requirements.**Information about storage in one****common storage facility:** Not required.**Further information about****storage conditions:** None.**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:**

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:**

The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:**

Not necessary if room is well-ventilated.

**Protection of hands:**

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:  $\geq 0.4$  mm

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

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**Trade name: Wood-Oil****Eye protection:** Goggles recommended during refilling.

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**9 Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	Different according to coloring
<b>Odor:</b>	Mild
<b>Odor threshold:</b>	Not determined.

**pH-value:** Not determined.**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	> 100 °C

**Flash point:** > 61 °C (DIN EN ISO 2719)**Flammability (solid, gaseous):** Not applicable.**Ignition temperature:** > 200 °C**Decomposition temperature:** Not determined.**Auto igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Explosion limits:**

<b>Lower:</b>	0,7 Vol %
<b>Upper:</b>	6,0 Vol %

**Vapor pressure:** Not determined.**Density at 20 °C:** 1,0-1,1 g/cm<sup>3</sup> (DIN 51757)**Relative density** Not determined.**Evaporation rate** Not determined.**Solubility in / Miscibility with****Water:** Not miscible or difficult to mix.**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:**

<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C:</b>	40-50 s (DIN 53211/4)

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**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**

No dangerous reactions known.

**10.4 Conditions to avoid**

No further relevant information available.

**10.5 Incompatible materials:**

No further relevant information available.

**10.6 Hazardous decomposition products:**

No dangerous decomposition products known.

**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:**

There is no acute toxicity expected. The product does not contain any toxic substance.

**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:**

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)**

14808-60-7	Quartz (SiO <sub>2</sub> )	1
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**NTP (National Toxicology Program)**14808-60-7 | Quartz (SiO<sub>2</sub>)

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

Biolog. Abbaubarkeit	(leicht abbaubar)
EC50 / 48h	> 1000 mg/l (daphnia) (OECD 202)
EC50/ 72h	> 1000 mg/l (algae) (OECD 201)
LC50 / 96h	> 1000 mg/l (fish) (OECD 203)

**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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<b>14.3 Transport hazard class(es)</b> <i>DOT, TDG, ADN, IMDG, IATA</i> Class	Void
<b>14.4 Packing group</b> <i>DOT, TDG, IMDG, IATA</i>	Void
<b>14.5 Environmental hazards:</b> <i>Marine pollutant:</i>	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>UN "Model Regulation":</b>	Void

**15 Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
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**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%)**

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.

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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**

12/04/2017 / -

**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