

# Safety Data Sheet

acc. to OSHA HCS

Printing date 05/16/2017

Reviewed on 05/16/2017

## 1 Identification

### 1.1 Product identifier

**Trade name:** **Osmo Wood Wax Finish**

**Article number:** 3101, 3102, 3103, 3104, 3105, 3111, 3115, 3116, 3118, 3119, 3123, 3125, 3131, 3132, 3136, 3137, 3138, 3143, 3161, 3164, 3165, 3166, 3168, 3169, 3172, 3181, 3186, 3188

**Application of the substance / the mixture** Coating compound/ Surface coating/ paint

### 1.3 Details of the supplier of the safety data sheet

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

**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:

Poison Center Berlin (24 h): +49 (0) 30 / 30686 790 consultation in German and English  
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)

**Importer** 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

## 2 Hazard(s) 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.

**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.

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- P102 Keep out of reach of children.  
 P103 Read label before use.  
 P210 Keep away from heat. - No smoking.  
 P271 Use only outdoors or in a well-ventilated area.  
 P262 Do not get in eyes, on skin, or on clothing.  
 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



**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:**

64742-48-9	aliphatic hydrocarbons, C10-C13	 Asp. Tox. 1, H304; Flam. Liq. 4, H227	25-40%
13463-67-7	titanium dioxide	 Carc. 2, H351	0-5%

### 4 First-aid measures

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

Immediately remove any clothing soiled by the product.

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<b>After inhalation:</b>	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
<b>After skin contact:</b>	In case of unconsciousness place patient stably in side position for transportation. Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. Then consult a doctor.
<b>After swallowing:</b>	If swallowed, seek medical advice immediately and show this container or label.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	No further relevant information available.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	No further relevant information available.

### 5 Fire-fighting measures

<b>5.1 Extinguishing media</b>	
<b>Suitable extinguishing agents:</b>	CO2, 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>5.2 Special hazards arising from the substance or mixture</b>	Formation of toxic gases is possible during heating or in case of fire.
<b>5.3 Advice for firefighters</b>	
<b>Protective equipment:</b>	Mouth respiratory protective device.
<b>Additional information</b>	Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Keep away from ignition sources Ensure adequate ventilation
<b>6.2 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.
<b>6.3 Methods and material for containment and cleaning up:</b>	Warm water and cleansing agent Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
<b>6.4 Reference to other sections</b>	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**

**7.1 Precautions for safe handling** Keep receptacles tightly sealed.  
Keep away from heat and direct sunlight.  
Use only in well ventilated areas.  
Prevent formation of aerosols.

**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 receptacle in a well ventilated area.  
Protect from heat and direct sunlight.

**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:**

Immediately remove all soiled and contaminated clothing.  
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.

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<b>Breathing equipment:</b>	Not necessary if room is well-ventilated. Use suitable respiratory protective device only when aerosol or mist is formed. Short term filter device: Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 °C)).
<b>Protection of hands:</b>	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
<b>Material of gloves</b>	Nitrile rubber, NBR
<b>Penetration time of glove material</b>	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>For the permanent contact gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR Recommended thickness of the material: $\geq 0,4$ mm
<b>As protection from splashes gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>Eye protection:</b>	Goggles recommended during refilling.
<b>Body protection:</b>	Protective work clothing

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Fluid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Mild

##### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	> 180 °C (DIN 51751)

**Flash point:**  $\geq 61$  °C (DIN EN ISO 2719)

**Ignition temperature:** 240 °C

**Auto igniting:** Product is not selfigniting.

**Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

##### Explosion limits:

**Lower:** 0,7 Vol %

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<b>Upper:</b>	6,0 Vol %
<b>Vapor pressure:</b>	3 hPa [20 °C]
<b>Density at 20 °C:</b>	0,90 - 1,4 g/cm <sup>3</sup> (DIN 51757)
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C:</b>	> 40 s (DIN 53211/4) >21 mm <sup>2</sup> /s (40 °C)
<b>9.2 Other information</b>	No further relevant information available.

**10 Stability and reactivity**

<b>10.1 Reactivity</b>	No further relevant information available.
<b>10.2 Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used and stored according to specifications.
<b>10.3 Possibility of hazardous reactions</b>	Reacts with fabric soaked in the product (e.g. cleaning wool). Reacts with acids, alkalis and oxidizing agents.
<b>10.4 Conditions to avoid</b>	No further relevant information available.
<b>10.5 Incompatible materials:</b>	No further relevant information available.
<b>10.6 Hazardous decomposition products:</b>	Carbon monoxide and carbon dioxide Nitrogen oxides (NO <sub>x</sub> )
<b>Additional information:</b>	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:****64742-48-9 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)

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#### 13463-67-7 titanium dioxide

Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)

**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:** 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)**

13463-67-7	titanium dioxide	2B
7631-86-9	silicon dioxide, chemically prepared	3
14808-60-7	Quartz (SiO <sub>2</sub> )	1
1333-86-4	Carbon black	2B

**NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO <sub>2</sub> )	K
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## 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)

**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.

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### 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** Void  
COMBUSTIBLE LIQUID, N.O.S  
**TDG** Void  
**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.

**Transport/Additional information:** Not dangerous according to the above specifications.

**UN "Model Regulation":** Void

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**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%)**

None of the ingredients is listed.

**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.  
H351 Suspected of causing cancer.

**Department issuing SDS:**

product safety department

**Contact:**

Hr. Dr. Starp

**Date of preparation / last revision**

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**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

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

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CA