

## Safety Data Sheet

*in accordance with HSNO*

Printing date 14.02.2022

Version number 15.5 (replaces version 15.1)

Revision: 26.01.2022

### **SECTION 1: Identification of the substance or mixture and of the supplier**

#### **1.1 Product identifier**

**Trade name:**

**Osmo TopOil**

**Article number:**

3028 Clear Satin, 3037 White, 3038 Terra, 3039 Graphite, 3058 Clear Matt,  
3061 Acacia, 3068 Natural

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

##### **Application of the substance / the mixture**

No further relevant information available.

Paint  
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  
Germany

##### **Further information obtainable from:**

Product safety department  
Tel.: +49 (0) 251 / 692 - 188  
Fax: +49 (0) 251 / 692 - 462  
e-mail: helmut.starp@osmo.de

#### **1.4 Emergency telephone number:**

National Poison Centre: 0800 764 766 (0800 POISON)  
Chemcall 24/7 Emergency Response Service: 0800 243 622 (0800 CHEMCALL)  
Emergency Services (Fire, Ambulance, Police): Dial 111

##### **Importer**

Osmo NZ Ltd.  
218H Marua Road  
Mt Wellington  
AUCKLAND 1051  
Phone: +64 (0) 9 951 6010  
Email: info@osmo.co.nz

### **SECTION 2: Hazards identification**

#### **2.1 Classification of the substance or mixture**

##### **Classification according to WHS Regulations**

Flam. Liq. 4 H227 Combustible liquid.

**Additional information:** HSNO Classes: 3.1D

#### **2.2 Label elements**

##### **Hazard pictograms**

Void

##### **Signal word**

Warning

##### **Hazard statements**

H227 Combustible liquid.

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<b>Precautionary statements</b>	P101	If medical advice is needed, have product container or label at hand.
	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.
	P280	Wear protective gloves.
	P370+P378	In case of fire: Use CO <sub>2</sub> , powder or water spray for extinction.
	P403+P235	Store in a well-ventilated place. Keep cool.
	P501	Dispose of contents/container in accordance with national regulations.

#### **2.3 Other hazards**

Observe the general safety regulations when handling chemicals.  
 Always wear a dust mask when sanding.  
 Warning:  
 Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

#### **Results of PBT and vPvB assessment**

**PBT:** Not applicable.  
**vPvB:** Not applicable.

### **SECTION 3: Composition/Information on ingredients**

#### **3.2 Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

#### **Dangerous components:**

CAS: 64742-48-9	aliphatic hydrocarbons, C10-C13	25–50%
EC number: 918-481-9	 Asp. Tox. 1, H304; Flam. Liq. 4, H227	
CAS: 13463-67-7	titanium dioxide - aerodynamic dia meter >10 µm	<1%
EINECS: 236-675-5		

**Additional information:** For the wording of the listed hazard phrases refer to section 16.  
 The content of Titanium dioxide varies according to the colour shade.

### **SECTION 4: First aid measures**

#### **4.1 Description of first aid measures**

**General information:** Take affected persons out into the fresh air.  
**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**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:** Do NOT induce vomiting.

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If symptoms persist consult doctor.

**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.

### **SECTION 5: Fire fighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents:**

CO2, 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**

Formation of toxic gases is possible during heating or in case of fire.

**5.3 Advice for firefighters**

**Protective equipment:**

Do not inhale explosion gases or combustion gases.

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.

### **SECTION 6: Accidental release measures**

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

Ensure adequate ventilation

Keep away from ignition sources.

Wear protective clothing.

**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).

Dispose of the material collected according to regulations.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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**6.4 Reference to other sections**

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See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**7.1 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.  
 Do not eat, drink, smoke or sniff while working.  
 Do not carry product impregnated cleaning cloths in trouser pockets.

**Information about fire - and explosion protection:**

Keep respiratory protective device available.  
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

**7.2 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:**

Protect from frost.  
 Keep container 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.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Ingredients 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 valid during the making were used as basis.

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**8.2 Exposure controls**

**Appropriate engineering controls**

**controls** Ensure good ventilation/exhaustion at the workplace.

**Individual protection measures, such as 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.

See Section 7 for information on safe handling.

**Respiratory protection:**

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.

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.

**Hand protection**

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 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

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 16523-1:2015: Level 6).

**For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

Goggles recommended during refilling

**Eye/face protection**

Protective work clothing

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### **SECTION 9: Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties**

##### **General Information**

<b>Colour:</b>	According to product specification
<b>Odour:</b>	Mild
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	> 180 °C (> 356 °F) (DIN 51751)
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	0.6 Vol %
<b>Upper:</b>	7.0 Vol %
<b>Flash point:</b>	> 60 °C (> 140 °F) (DIN EN ISO 2719)
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>pH</b>	Not applicable.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	>21 mm <sup>2</sup> /s (40°C) (calculated)
<b>Dynamic at 20 °C (68 °F):</b>	140 mPas
<b>Solubility</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C (68 °F):</b>	0.92-0.97 g/cm <sup>3</sup> (7.677-8.095 lbs/gal) (DIN 51757)

#### **9.2 Other information**

##### **Appearance:**

<b>Form:</b>	Viscous
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##### **Important information on protection of health and environment, and on safety.**

<b>Ignition temperature:</b>	240 °C (464 °F)
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Solvent content:</b>	
<b>VOC (EC)</b>	Not applicable.

##### **Information with regard to physical hazard classes**

##### **Explosives**

Void

##### **Flammable gases**

Void

##### **Aerosols**

Void

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***Oxidising gases***

Void

***Gases under pressure***

Void

***Flammable liquids***

Combustible liquid.

***Flammable solids***

Void

***Self-reactive substances and mixtures***

Void

***Pyrophoric liquids***

Void

***Pyrophoric solids***

Void

***Self-heating substances and mixtures***

Void

***Substances and mixtures, which emit flammable gases in contact with water***

Void

***Oxidising liquids***

Void

***Oxidising solids***

Void

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**Organic peroxides**

Void

**Corrosive to metals**

Void

**Desensitised explosives**

Void

### SECTION 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**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

**10.5 Incompatible materials:**

No further relevant information available.

**10.6 Hazardous**

**decomposition products:**

Carbon monoxide and carbon dioxide

Nitrogen oxides (NOx)

**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)

### SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

**LD/LC50 values relevant for classification:**

**ATE (Acute Toxicity Estimates)**

Dermal	LD50	677,143 mg/kg (rabbit)
Inhalative	LC50 / 4h	>17,005 mg/l (rat)

**64742-48-9 aliphatic hydrocarbons, C10-C13**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

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**13463-67-7 titanium dioxide - aerodynamic dia meter >10 µm**

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)

#### **11.2 Information on other hazards**

##### **Endocrine disrupting properties**

None of the ingredients is listed.

### **SECTION 12: Ecological information**

#### **12.1 Toxicity**

##### **Aquatic toxicity:**

**64742-48-9 aliphatic hydrocarbons, C10-C13**

EC50 / 48h	>1,000 mg/l (Daphnia magna)
IC50 / 72h	>1,000 mg/l (algae)
LC50 / 96h	>1,000 mg/l (fish)

##### **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.

##### **12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

##### **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

##### **12.7 Other adverse effects**

##### **Additional ecological information:**

**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

### **SECTION 13: Disposal considerations**

#### **13.1 Waste treatment methods**

**Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Disposal must be made according to official regulations.

##### **Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

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**Recommended cleansing agents:**

Water, if necessary together with cleansing agents.  
 Solvent naphtha

**SECTION 14: Transport information**

**14.1 UN number or ID number**

**ADR, ADN, IMDG, IATA** Not applicable

**14.2 UN proper shipping name**

**ADR** Not applicable  
**ADN, IMDG, IATA** Not applicable

**14.3 Transport hazard class(es)**

**ADR, ADN, IMDG, IATA**

**Class** Not applicable

**14.4 Packing group**

**ADR, IMDG, IATA** Not applicable

**14.5 Environmental hazards:**

**Marine pollutant:** No

**14.6 Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**UN "Model Regulation":**

Not applicable

**SECTION 15: Regulatory information**

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

**New Zealand Inventory of Chemicals**

All ingredients are listed.

**Directive 2012/18/EU**

**Named dangerous**

**substances - ANNEX I**

None of the ingredients is listed.

**National regulations:**

**GISBAU-Code**

GISCODE: Ö60

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

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### **SECTION 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.

<b>Relevant phrases</b>	H227 Combustible liquid. H304 May be fatal if swallowed and enters airways.
<b>Department issuing SDS:</b>	product safety department
<b>Contact:</b>	Hr. Dr. Starp
<b>Abbreviations and acronyms:</b>	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods 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) 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 Flam. Liq. 4: Flammable liquids – Category 4 Asp. Tox. 1: Aspiration hazard – Category 1
<b>Sources</b>	ESIS : European chemical Substances Information System ECHA Portal Safety data sheets from raw material suppliers
<b>* Data compared to the previous version altered.</b>	Additions, Deletions, Revisions Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (REACH)