

## Safety Data Sheet

*in accordance with HSNO*

Printing date 02.02.2022

Version number 2.1 (replaces version 2.0)

Revision: 26.10.2021

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

#### 1.1 Product identifier

**Trade name:** Concrete Oil clear

**Article number:** 610 satin

#### 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.

**Application of the substance / the mixture** 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](mailto: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](mailto: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.

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

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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 / eye protection.  
 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	

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
**After skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.  
**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.  
**After swallowing:** If symptoms persist consult doctor. Do NOT induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

Dizziness

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Headache

**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:**

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

No special measures required.

**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.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of 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 contaminated material as waste according to item 13.  
Ensure adequate ventilation.

**6.4 Reference to other sections**

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.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use only in well ventilated areas.  
 Keep receptacles tightly sealed.  
 Ensure good ventilation/exhaustion at the workplace.  
 Prevent formation of aerosols.

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

Keep respiratory protective device available.

#### 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:

None.

##### 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.

#### 8.2 Exposure controls

##### Appropriate engineering controls

No further data; see item 7.

##### 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.  
 Keep away from foodstuffs, beverages and feed.  
 Avoid contact with the eyes and skin.

##### Respiratory protection:

Do not inhale gases / fumes / aerosols.  
 Not necessary if room is well-ventilated.  
 Use suitable respiratory protective device only when aerosol or mist is formed.

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<b>Hand protection</b>	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. To avoid skin problems reduce the wearing of gloves to the required minimum. Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
<b>Material of gloves</b>	Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation 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.
<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 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).
<b>As protection from splashes gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>Eye/face protection</b>	Goggles recommended during refilling If risk of splashing: Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection)
<b>Body protection:</b>	Protective work clothing

### SECTION 9: Physical and chemical properties

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

##### General Information

<b>Colour:</b>	Yellowish
<b>Odour:</b>	Mild
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.

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<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	6 Vol %
<b>Flash point:</b>	>63 °C (>145.4 °F) (DIN EN ISO 2719)
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Viscosity:</b>	
<b>Kinematic viscosity at 20 °C (68 °F)</b>	25–35 s (DIN EN ISO 2431/4mm) >21 mm <sup>2</sup> /s (40°C) (calculated)
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C (68 °F):</b>	0.88–0.95 g/cm <sup>3</sup> (7.344–7.928 lbs/gal) (DIN 51757)
<b>Relative density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Viscous
<b>Important information on protection of health and environment, and on safety.</b>	
<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>	< 500 g/l (VOC-max. Cat A/i (2010) = 500 g/l)
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void

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**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

**Organic peroxides**

Void

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**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 and stored according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with fabric soaked in the product (e.g. cleaning wool).  
Self igniting.

**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<sub>x</sub>)

**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**

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

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

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Respiratory or skin sensitisation****Respiratory or skin sensitisation**

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

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

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**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**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 &gt;1,000 mg/l (Daphnia magna)

IC50 / 72h &gt;1,000 mg/l (algae)

LC50 / 96h &gt;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.

**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.

**SECTION 14: Transport information****14.1 UN number or ID number****ADR, IMDG, IATA**

Not applicable

**14.2 UN proper shipping name****ADR, 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:****Information about limitation****of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

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**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

### 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.

**Reasons for alterations**

Neues Format

**Relevant phrases**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

**Department issuing SDS:**

product safety department

**Contact:**

Hr. Dr. Starp

**Abbreviations and acronyms:**

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

**Sources**

Safety data sheets from raw material suppliers

ECHA Portal

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

Additions, Deletions, Revisions

Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (REACH)