

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

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

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

1.4 Emergency telephone number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to

Regulation (EC) No 1272/2008 The product is not classified, according to the CLP regulation.

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

2.2 Label elements

Hazard pictograms Void

Signal word Void

Hazard statements Void

Precautionary statements P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P262 Do not get in eyes, on skin, or on clothing.
P271 Use only outdoors or in a well-ventilated area.

Additional information: EUH210 Safety data sheet available on request.

2.3 Other hazards

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

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

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Trade name: Concrete Oil clear

(Contd. of page 1)

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	 Asp. Tox. 1, H304, EUH066	25-50%
EC number: 918-481-9			

SVHC Not applicable.**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; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.**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:** If swallowed, seek medical advice immediately and show this container or label.
Do NOT induce vomiting.**4.2 Most important symptoms and effects, both acute and delayed**Headache
Dizziness**4.3 Indication of any****immediate medical attention****and special treatment needed** If swallowed or in case of vomiting, danger of entering the lungs.**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing****agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

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Trade name: Concrete Oil clear

(Contd. of page 2)

For safety reasons unsuitable**extinguishing agents:** None known.**5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide (CO)
carbon dioxide (CO₂)

5.3 Advice for firefighters

Protective equipment: Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
General measures for chemical fires.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Cool endangered receptacles with water spray.

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.

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training.

For emergency responders

Wear protective equipment. Keep unprotected persons away.

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:

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 section 13.
Ensure adequate ventilation.
Warm water and cleansing agent

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.

(Contd. on page 4)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

Trade name: Concrete Oil clear

(Contd. of page 3)

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.

Handling:

Even a small sip can lead to life-threatening damage to the lungs. Keep rags filled with this liquid out of the reach of children.

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:

64742-48-9 aliphatic hydrocarbons, C10-C13

TWA	Short-term value: 1200 mg/m ³
	CEFIC-HSPA

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls

Ensure good ventilation/exhaustion at the workplace.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

Trade name: Concrete Oil clear

(Contd. of page 4)

Individual protection measures, such as personal protective equipment
General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
 Avoid contact with the eyes and skin.
 Do not inhale gases / fumes / aerosols.
 The usual precautionary measures are to be adhered to when handling chemicals.
 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:

Not necessary if room is well-ventilated.
 Use suitable respiratory protective device only when aerosol or mist is formed.
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
 Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Hand protection

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.
 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:

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).
 Nitrile rubber, NBR
 Recommended thickness of the material: ≥ 0.4 mm
 For the mixture the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

Trade name: Concrete Oil clear

(Contd. of page 5)

Eye/face protection

If risk of splashing:

Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection)

Tightly sealed goggles

Body protection:

Protective work clothing

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

Fluid

Colour:

Yellowish

Odour:

Mild

Odour threshold:

Not determined.

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

Undetermined.

Flammability

Not applicable.

Lower and upper explosion limit**Lower:**

0.7 Vol %

Upper:

6 Vol %

Flash point:

>63 °C (DIN EN ISO 2719)

Auto-ignition temperature:

240 °C

Decomposition temperature:

Not determined.

pH

Mixture is non-polar/aprotic.

Viscosity:**Kinematic viscosity at 20 °C**

25–35 s (DIN EN ISO 2431/4mm)

>21 mm²/s (40°C) (calculated)**Dynamic:**

Not determined.

Solubility**water:**

Fully miscible.

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure:

Not determined.

Density and/or relative density**Density at 20 °C:**0.88–0.95 g/cm³ (DIN 51757)**Relative density**

Not determined.

9.2 Other information**Appearance:****Form:**

Viscous

Important information on protection of health and environment, and on safety.**Ignition temperature:**

Product is not selfigniting.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

Trade name: Concrete Oil clear

(Contd. of page 6)

Explosive properties:	Product does not present an explosion hazard.
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
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
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	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
10.5 Incompatible materials:	No further relevant information available.
10.6 Hazardous decomposition products:	Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x) Formation of toxic gases is possible during heating or in case of fire.
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)

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

Trade name: Concrete Oil clear

(Contd. of page 7)

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 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.

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.

Subacute to chronic toxicity: Based on available data, the classification criteria are not met.

Additional toxicological

information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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.

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

Trade name: Concrete Oil clear

(Contd. of page 8)

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.

European waste catalogue

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
15 01 04	metallic packaging

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents:

 Water, if necessary together with cleansing agents.
 Solvent naphtha
 Osmo Brush Cleaner and Thinner

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

(Contd. on page 10)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

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Trade name: Concrete Oil clear

(Contd. of page 9)

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****Directive 2012/18/EU****Named dangerous****substances - ANNEX I**

None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:**VOC (EC)**

< 500 g/l (VOC-max. = 500 g/l (2010 A/i))

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.

Relevant phrases

H304 May be fatal if swallowed and enters airways.

(Contd. on page 11)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 20.12.2023

Version number 2.2 (replaces version 2.0)

Revision: 20.12.2023

Trade name: Concrete Oil clear

(Contd. of page 10)

EUH066 Repeated exposure may cause skin dryness or cracking.

Classification according to**Regulation (EC) No 1272/2008**

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS:

product safety department

Contact:

Hr. Dr. Starp

Version number of previous**version:**

2.0

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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Asp. Tox. 1: Aspiration hazard – Category 1

Sources

Safety data sheets from raw material suppliers
 ECHA Portal
 ESIS : European chemical Substances Information System

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