

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

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

1.1 Product identifier

Trade name: 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 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.

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

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)

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(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:

| | | |
|--------------------------------------|--|--------|
| EC number: 918-481-9 | aliphatic hydrocarbons, C10-C13  Asp. Tox. 1, H304, EUH066 | 25-50% |
| CAS: 13463-67-7 EINECS: 236-675-5 | titanium dioxide - aerodynamic dia meter >10 µm | <1% |

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.
 Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

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.
 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.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 2)

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.

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.

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 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(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.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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:

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 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 4)

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: ≥ 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

Eye/face protection

Goggles recommended during refilling

Body protection:

Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour:

According to product specification

Odour:

Mild

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 5)

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

9.2 Other information

Appearance:

Form: Viscous

Important information on protection of health and environment, and on safety.

Ignition temperature: 240 °C

Explosive properties: Product does not present an explosion hazard.

Solvent content:

VOC (EC) Not applicable.

Information with regard to physical hazard classes

Explosives

Void

Flammable gases

Void

Aerosols

Void

Oxidising gases

Void

Gases under pressure

Void

(Contd. on page 7)

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

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 6)

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

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 7)

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, 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)
- 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:

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) |

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

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

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.

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 8)

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:

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.

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.

(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 9)

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, 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

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.

(Contd. on page 11)

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

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 10)

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:**GISBAU-Code**

GISCODE: Ö60

VOC (EC)

Not applicable.

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

Reach Annex II (2021)

Relevant phrases

H304 May be fatal if swallowed and enters airways.

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:**

15.3

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

Asp. Tox. 1: Aspiration hazard – Category 1

Sources

ESIS : European chemical Substances Information System

ECHA Portal

Safety data sheets from raw material suppliers

(Contd. on page 12)

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

Printing date 14.02.2022

Version number 15.5 (replaces version 15.3)

Revision: 14.02.2022

Trade name: TopOil

(Contd. of page 11)

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

Additions, Deletions, Revisions

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

EU