

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

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

1.1 Product identifier

Trade name: **Tinting System Base**

Article number: 2954 (Farblos / Clear)
 2955 (Weiß transp. / White transp.)
 2956 (Weiß deckend / White opaque)

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

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

Importer

Importer for UK:
 OSMO UK,
 Smeaton Close
 Unit 24 Anglo Business Park
 Aylesbury, Bucks HP19 8UP
 Phone: 01296 481 220, www.osmouk.com
 United Kingdom

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 GB 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.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 1)

Additional information:

P262 Do not get in eyes, on skin, or on clothing.
 P271 Use only outdoors or in a well-ventilated area.
 EUH066 Repeated exposure may cause skin dryness or cracking.
 EUH210 Safety data sheet available on request.
 EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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.

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 Reg.nr.: 01-2119457273-39 | aliphatic hydrocarbons, C10-C13 ⚠ Asp. Tox. 1, H304, EUH066 | 10–50% |
| CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60 | Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit | 2.5–10% |
| CAS: 13463-67-7 EINECS: 236-675-5 | titanium dioxide - aerodynamic dia meter >10 µm | 0-30% |

Additional information:

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. The content of Titanium dioxide varies according to the colour shade. The hydrocarbons used do not contain benzene or benzene in concentrations < 0.1% by weight and thus meet the requirements of Note P to Annex VI of Regulation (EC) No 1272/2008 (GHS Regulation).
 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: Immediately remove any clothing soiled by the product.
 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.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 2)

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.
Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

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.

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.
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.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 3)

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:

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 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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: No special requirements.

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.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 4)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:
34590-94-8 Dipropylene glycol monomethyl ether

| | |
|-----|---|
| WEL | Long-term value: 308 mg/m ³ , 50 ppm |
| | Sk |

DNELs

34590-94-8 Dipropylene glycol monomethyl ether

| | | |
|------------|---|------------------------|
| Oral | DNEL Verbraucher (Langzeit - systemische Effekte) | 36 mg/kg KGew. /Tag |
| Dermal | DNEL Verbraucher (Langzeit - systemische Effekte) | 121 mg/cm ² |
| Inhalative | Worker (chronic - Systemic health effec) | 308 mg/m ³ |
| | DNEL Verbraucher (Lanzzeit - systemische Effekte) | 37.2 mg/m ³ |

PNECs

34590-94-8 Dipropylene glycol monomethyl ether

| | |
|---|------------|
| PNEC sea water | 1.9 mg/l |
| PNEC fresh water | 19 mg/l |
| PNEC sediment (fresh water) | 70.2 mg/kg |
| PNEC sediment (sea water) | 7.02 mg/kg |
| PNEC soil | 2.74 mg/kg |
| PNEC sewage treatment plant interrupted release | 4,168 mg/l |
| | 190 mg/l |

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.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

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:

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.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: **Tinting System Base**

(Contd. of page 5)

| | |
|---|--|
| Hand protection | 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 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 the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6). |
| Eye/face 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: | According to product specification |
| Odour: | Mild |
| Odour threshold: | Not determined. |
| Melting point/freezing point: | Undetermined. |
| Boiling point or initial boiling point and boiling range | ≥ 170 – ≤ 260 °C (aliphatic hydrocarbons, C10-C13) |
| Flammability | Not applicable. |
| Lower and upper explosion limit | |
| Lower: | ≥ 0.7 Vol % (aliphatic hydrocarbons, C10-C13) |
| Upper: | ≤ 6 Vol % (aliphatic hydrocarbons, C10-C13) |
| Flash point: | > 60 °C (DIN EN ISO 2719) |
| Ignition temperature: | > 200 °C (aliphatic hydrocarbons, C10-C13) |
| Decomposition temperature: | Not determined. |
| pH | Mixture is non-polar/aprotic. |
| Viscosity: | |
| Kinematic viscosity at 20 °C | 45–55 s (DIN 53211/4) |

(Contd. on page 7)

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

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 6)

| | |
|--|--|
| Dynamic at 40 °C: | >20.2–26.5 mPas |
| Solubility | |
| water: | Not miscible or difficult to mix. |
| Partition coefficient n-octanol/water (log value) | Not determined. |
| Vapour pressure at 25 °C: | ≤0.6 hPa (aliphatic hydrocarbons, C10-C13) |
| Density and/or relative density | |
| Density at 20 °C: | 0.96–1.26 g/cm ³ (DIN 51757) |
| Relative density | Not determined. |

9.2 Other information**Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety.****Auto-ignition temperature:** Product is not selfigniting.**Explosive properties:** Product does not present an explosion hazard.**Solvent content:****VOC (EC)** <400 g/l**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.

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 7)

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).

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:**

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)

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:****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) |

34590-94-8 Dipropylene glycol monomethyl ether

| | | |
|------------|------------|---|
| Oral | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >19,020 mg/kg (rat) 13,000–14,000 mg/kg (rabbit) |
| Inhalative | LC50 / 4h | 1,667 mg/l (rat) |
| | LC50 / 72h | 0.76 mg/l (selenastrum capricornutum) |

Skin corrosion/irritation

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Serious eye damage/irritation

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 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 8)

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)

34590-94-8 Dipropylene glycol monomethyl ether

EC50 / 48h 70.2 mg/l

1,919 mg/l (Daphnia magna)

LC50 / 96h 5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

LC50 / 48h 10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

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 2 (German Regulation) (Self-assessment): hazardous for water

Danger to drinking water if even small quantities leak into the ground.

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.

(Contd. on page 10)

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

Printing date 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(Contd. of page 9)

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

14.5 Environmental hazards:

Not applicable.

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.

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 30.09.2022

Version number 1.0

Revision: 30.09.2022

Trade name: Tinting System Base

(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

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)
 DNEL: Derived No-Effect Level (UK REACH)
 PNEC: Predicted No-Effect Concentration (UK REACH)
 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

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

Additions, Deletions, Revisions

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