

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 Extender - Farblös / Clear

Article number: 2957

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

Additional information: EUH066 Repeated exposure may cause skin dryness or cracking.

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)

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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 | 25–50% |
| 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% |

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:** 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.

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.

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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.

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 item 13.
 Ensure adequate ventilation.

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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.

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:

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:

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 |

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| | | |
|------------|---|------------------------|
| 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.

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.

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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:

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:

Colourless

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)

Dynamic:

Not determined.

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:

0.96–0.99 g/cm³ (DIN 51757)

Relative density

Not determined.

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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.**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.

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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)

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 (senastrum 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.

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)

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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 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.

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

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| | |
|---|-----------------|
| 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.

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

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)

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Sources

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
 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)