

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.09.2022

Version number 1.0

Revision: 29.09.2022

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

#### 1.1 Product identifier

**Trade name:** Tinting System Pigment Paste - Oxid Rot / Oxide Red

**Article number:** 2965

#### 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

#### 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.  
EUH210 Safety data sheet available on request.

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**2.3 Other hazards** 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.

<b>Dangerous components:</b>		
EC number: 918-481-9 Reg.nr.: 01-2119457273-39	aliphatic hydrocarbons, C10-C13 ⚠ Asp. Tox. 1, H304, EUH066	10–25%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336	0–10%

**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:** Take affected persons out into the fresh air.  
Immediately remove any clothing soiled by the product.

**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:** Generally the product does not irritate the skin.

**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**

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:

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

No further relevant information available.

#### 5.3 Advice for firefighters

##### Protective equipment:

General measures for chemical fires.

##### Additional information

Cool endangered receptacles with water spray.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.  
Ensure adequate ventilation  
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:

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.

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**General protective and hygienic measures:** Prevent formation of aerosols.  
 Wash hands before breaks and at the end of work.  
 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:** 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**

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.

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.

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**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:  $\geq 0.4$  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:**

Solvent-like

**Odour threshold:**

Not determined.

**Melting point/freezing point:**

Undetermined.

**Boiling point or initial boiling point and boiling range** $\geq 170$ – $\leq 260$  °C (aliphatic hydrocarbons, C10-C13)**Flammability**

Not applicable.

**Lower and upper explosion limit****Lower:** $\geq 0.7$  Vol % (aliphatic hydrocarbons, C10-C13)**Upper:** $\leq 6$  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 40 °C** $> 21$  mm<sup>2</sup>/s

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<b>Dynamic at 40 °C:</b>	>35.3–39.5 mPas
<b>Solubility</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure at 25 °C:</b>	≤0.6 hPa (aliphatic hydrocarbons, C10-C13)
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.68–1.88 g/cm <sup>3</sup> (DIN 51757)
<b>Relative density</b>	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.**Change in condition****Evaporation rate** 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
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No further relevant information available.

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**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**

No dangerous reactions known.

**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:** No hazardous decomposition products when stored and handled correctly.

### 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)

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

**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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**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

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.

**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

**Recommended cleansing agents:**

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

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<b>14.4 Packing group ADR, IMDG, IATA</b>	Not applicable
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN "Model Regulation":</b>	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**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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**Sources**

PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 3: Flammable liquids – Category 3  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
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)

GB