

## 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 - Rot / Red

**Article number:** 2967

#### 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](mailto: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](http://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.

#### 2.3 Other hazards

Always wear a dust mask when sanding.  
Observe the general safety regulations when handling chemicals.

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**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	10–50%
Reg.nr.: 01-2119457273-39			

**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.

### 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.

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**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.

Prevent formation of aerosols.

**General protective and hygienic measures:**

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.

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**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.

**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.

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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-soluble (in water).

**Viscosity:**

**Kinematic viscosity at 40 °C**

$> 21$  mm<sup>2</sup>/s

**Dynamic at 40 °C:**

$> 20.2$ – $23.5$  mPas

**Solubility**

**water:**

Not miscible or difficult to mix.

**Partition coefficient n-octanol/water (log value)**

Not determined.

**Vapour pressure at 25 °C:**

$\leq 0.6$  hPa (aliphatic hydrocarbons, C10-C13)

**Density and/or relative density**

**Density at 20 °C:**

$0.96$ – $1.12$  g/cm<sup>3</sup> (DIN 51757)

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<b>Relative density</b>	Not determined.
<b>9.2 Other information</b>	
<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.
<b>Information with regard to physical hazard classes</b>	
<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

<b>10.1 Reactivity</b>	No further relevant information available.
<b>10.2 Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used and stored according to specifications.
<b>10.3 Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>10.4 Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>10.5 Incompatible materials:</b>	No further relevant information available.

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**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)

**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)

**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.

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**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

**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

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### 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)

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)