

**Manufacturer/Supplier:** osmo Holz und Color GmbH & Co. KG  
Postfach 6340, D-48033 Münster

**Trade name:** OSMO COLOR Opaque Gloss Wood Stain for Windows

**Status:** 02.04.2002

**Date of printing:** 27/05/03

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## **1) Identification of the substance/preparation and company**

### **Product details**

#### **Trade name**

OSMO COLOR COLOR Opaque Gloss Wood Stain for Windows

### **Identification of the manufacturer / supplier**

#### **Address**

osmo Holz und Color GmbH & Co. KG

Postfach 6340

D-48033 Münster

Telephone no. +49 (0) 251 692-219

Fax no. +49 (0) 251 692-462

#### **Information provided by / telephone**

+49 (0) 251 692-0

#### **Emergency telephone number**

+49 (0)30 192 40 (Toxic Substance Emergency Call Centre Berlin)

## **2) Composition / information on ingredients**

### **Chemical characterization**

Mixture of binding agent based on vegetable oils, natural waxes and dearomatized hydrocarbons.

### **Hazardous ingredients**

#### **NAPHTHA (PETROLEUM), HYDROTREATED HEAVY**

Concentration > 15 %-b.w. < 20 %-b.w.

CAS no. 64742-48-9

Hazard symbols Xn R phrases 65, 66

### **Other information (chapter 2.)**

The product does not require a hazard warning label in accordance with EC Directive 88/379

## **3) Hazards possibilities**

### **Hazard designation**

#### **Hazard symbols**

- N O N E

#### **R phrases**

- N O N E

### **Particular information pertaining specific risk for human / environment**

No particular hazards known.

## **4) First aid measures**

### **General information**

Remove immediately contaminated clothing and shoes and launder thoroughly before reusing.

If the patient is likely to become unconscious, place and transport in stable sideways position.

In all cases of doubt, or when symptoms persist, seek medical attention.

### **After inhalation**

Remove affected person from danger area.

Ensure supply of fresh air.

Irregular breathing/no breathing: artificial respiration.

Summon a doctor immediately.

### **After skin contact**

When in contact with the skin, clean with soap and water.

Do NOT use solvents or thinners.

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#### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.)  
Eye treatment by an Occulist.

#### **After ingestion**

Do not induce vomiting.  
Summon a doctor immediately.  
Never give anything by mouth to an unconscious person.

### **5) Fire-fighting measures**

#### **Suitable extinguishing media**

Foam  
Carbon dioxide  
Dry chemical extinguisher

#### **Extinguishing media that must not be used for safety reasons**

Full water jet

#### **Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

#### **Special protective equipment for firefighting**

Use self-contained breathing apparatus.

#### **Other information (chapter 5.)**

Cool endangered containers with water spray jet.

### **6) Accidental release measures**

#### **Personal precautions**

Refer to protective measures listed in sections 7 and 8.  
Ensure adequate ventilation.  
Keep away sources of ignition.

#### **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.  
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

#### **Methods for cleaning up/taking up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).  
Clean preferably with a detergent; avoid use of solvents.

### **7) Handling and storage**

#### **Handling**

##### **Advice on safe handling**

Ensure adequate ventilation.  
The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.  
Comply with the health and safety at work laws.

##### **Advice on protection against fire and explosion**

Keep away from sources of heat and ignition.  
Do not smoke.

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## Storage

### Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Always keep in containers of same material as the original one.

Never use pressure to empty : container is not a pressure vessel.

Prevent unauthorised access.

No smoking.

### Hints on storage assembly

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

### Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Protect from heat and direct sunlight.

Observe label precautions.

## 8) Exposure controls / personal protection

### Ingredients with occupational exposure limits to be monitored

**MIXTURES OF HYDROCARBONES, FREE FROM AROMATIC  
HYDROCARBONS OR DEAROMATIZED (CONTAINING < 1 % OF AROMATIC  
HYDROCARBONS, < 5 % OF N-HEXANE, < 25 % OF CYCLO-ISOHEXANE)**

MAK (TRGS 900) 200.00 ml/m<sup>3</sup>

1000.00 mg/m<sup>3</sup>

### Personal protective equipment

#### Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

#### Hand protection

Protective gloves

#### Eye protection

Safety glasses

### General protective and hygiene measures

Observe the usual precautions when handling chemicals.

Clean skin thoroughly after work; apply skin cream.

## 9) Physical and chemical properties

### Appearance

Form	liquid
Colour	different colours
Odour	mild

### Safety data

#### Changes in physical state

Type	Boiling range
Value	180-210 °C
Pressure	1013 hPa
Method	DIN 51751

#### Flash point

Value	57 °C
Method	DIN 53213

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**Ignition temperature**

Value app 210 °C  
Reference substance Mineral Spirits

**Explosion limits**

Upper explosion limit  
Value 6,50 % vol  
Reference substance Mineral Spirits

Lower explosion limit  
Value 0,50 % vol  
Reference substance Mineral Spirits

**Vapour pressure**

Value 3 hPa  
Reference temperature 20 °C  
Reference substance Mineral Spirits

**Density**

Value 1,3 - 1,4 g/cm<sup>3</sup>  
Method DIN 51757  
Reference temperature 20 °C

**Solubility in water**

Reference temperature 20 °C  
Remarks insoluble

**Viscosity**

Type Efflux time  
Value 45 s  
Method DIN 53211  
Reference temperature 20 °C

**10) Stability and reactivity****Conditions to avoid**

Stable under recommended storage and handling conditions (see section 7).

**Materials to avoid**

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**Hazardous decomposition products**

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc..

**11) Toxicological information****Acute toxicity****Acute oral toxicity**

LD50 > 6400 mg/kg  
Species rat  
Reference substance Mineral Spirits

**Acute inhalational toxicity**

LC50 > 14 mg/l  
Reference substance Mineral Spirits  
Duration of exposure 4 h  
Species rat

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#### **Acute toxicity / further data**

LD50	> 3200 mg/kg
Species	rabbit
Route of exposure	percutan
Reference substance	Mineral Spirits

#### **Experience in practice**

Frequent persistent contact with the skin can cause skin irritation.  
Eye contact with the product may lead to irritation.  
Inhalation may lead to irritation of the respiratory tract.  
Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness.

### **12) Ecological information**

#### **General information / ecology**

There are no data available on the preparation itself.  
Do not discharge into the drains or waters and do not store on public depositories.

### **13) Disposal considerations**

#### **Product**

EWC waste code	080111
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#### **Uncleaned packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.  
Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

### **14) Transport information**

#### **Land transport ADR/RID**

Class	3 III
Hazard no.	30
Label	3
UN number	1263
Technical name	Paint

#### **Marine transport IMDG/GGVSee**

Class	3
Packaging group	III
UN number	1263
Propper shipping name	Paint
EmS	3-05
MFAG	--
MARPOL	--
Label	3

#### **Air transport ICAO/IATA**

Class	3
Packaging group	III
UN number	1263
Propper shipping name	Paint
Label	3

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### **15) Regulatory information**

#### **Labelling in accordance with EC directives**

The product does not require a hazard warning label in accordance with EC Directives.

Classification according to the 'Listing Principle' of the Guide lines for preparations (88/379/EEC).

#### **Hazard symbols**

- N O N E

#### **R phrases**

- N O N E

#### **S phrases**

- N O N E

### **16) Other information**

#### **Department issuing safety data sheet**

OSMO COLOR Farbenwerk

#### **Contact person**

Technical product management

<p>This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.</p>
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