

Manufacturer/Supplier: osmo Holz und Color GmbH & Co. KG
Postfach 6340, D-48033 Münster
Trade name: 000 OSMO COLOR Clear Oil Wood Finish
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

000 OSMO COLOR Clear Oil Wood Finish

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 > 30 %-b.w. < 60 %-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/m³
1000.00 mg/m³

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	colourless
Odour	mild

Safety data

Changes in physical state

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

Flash point

Value	56 °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 0,8 - 0,9 g/cm³
Method DIN 51757
Reference temperature 20 °C

Solubility in water

Reference temperature 20 °C
Remarks insoluble

Viscosity

Type Efflux time
Value 98 s
Method DIN 2431
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

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>
