

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 07.04.2009

Revision: 21.08.2008

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: 3030 Osmo Polyx-Oil Spray, Clear

Application of the substance / the preparation

Paint
Coating compound/ Surface coating/ paint

Manufacturer/Supplier:

Osmo Holz und Color GmbH & Co. KG
Affhüppen Esch 12
D-48231 Warendorf

Further information obtainable from:

Product safety department
Phone: +49 (0) 251 / 692 - 188
Fax: +49 (0) 251 / 692 - 462
e-mail: helmut.starp@osmo.de

Information in case of emergency:

emergency phone no. Berlin (24h): +49 (0) 30 / 19240

2 Hazards identification

Hazard description: F+ Extremely flammable

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Warning! Pressurized container.
R 12 Extremely flammable.
R 66 Repeated exposure may cause skin dryness or cracking.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
Buildup of explosive mixtures possible without sufficient ventilation.
Keep out of the reach of children

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

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Dangerous components:			
CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light	Xn; R 10-65-66-67	25-50%
CAS: 106-97-8 EINECS: 203-448-7	butane	F+; R 12	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane	F+; R 12	2.5-10%
CAS: 75-28-5 EINECS: 200-857-2	isobutane	F+; R 12	≤ 2.5%
CAS: 136-52-7 EINECS: 205-250-6	cobalt carboxylate	Xi, N; R 38-43-51/53	≤1%

Additional information: For the wording of the listed risk phrases refer to section 16.

4 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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly.
After eye contact:	Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing:	If swallowed, seek medical advice immediately and show this container or label.
Information for doctor:	
The following symptoms may occur:	Headache Dizziness

5 Fire-fighting measures

Suitable extinguishing agents:	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents:	Water with full jet
Special hazards caused by the substance, its products of combustion or resulting gases:	Can form explosive gas-air mixtures. Formation of toxic gases is possible during heating or in case of fire.
Protective equipment:	Mouth respiratory protective device.
Additional information	Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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Cool endangered receptacles with water spray.

6 Accidental release measures

- Person-related safety precautions:** Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
- Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- Measures for cleaning/collecting:** Warm water and cleansing agent
Ensure adequate ventilation.
- Additional information:** See Section 13 for disposal information.

7 Handling and storage

- Handling:**
- Information for safe handling:** Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.
Use only in well ventilated areas.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- Information about fire - and explosion protection:** Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- Storage:**
- Requirements to be met by storerooms and receptacles:** Store in a cool location.
Observe official regulations on storing packagings with pressurized containers.
- Information about storage in one common storage facility:** Do not store together with alkalis (caustic solutions).
Do not store together with oxidizing and acidic materials.
- Further information about storage conditions:** Store only outside or in explosion proof rooms.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

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8 Exposure controls/personal protection

Additional information about

design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

64742-49-0 Naphtha (petroleum), hydrotreated light

TWA (8 H)	Short-term value: 1000 mg/m ³ Source UK SIA
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106-97-8 butane

WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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74-98-6 propane

AGW	Long-term value: 1800 mg/m ³ , 1000 ppm 4(II);DFG
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75-28-5 isobutane

OEL	Short-term value: 3800 mg/m ³ , 750 ppm Long-term value: 1900 mg/m ³ , 600 ppm EH 40/97
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Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

Do not inhale gases / fumes / aerosols.
Immediately remove all soiled and contaminated clothing
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.

Respiratory protection:

Not necessary if room is well-ventilated.
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.
Use suitable respiratory protective device in case of insufficient ventilation.
Filter P3

Protection of hands:

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

Nitrile rubber, NBR

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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

As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

Eye protection: Tightly sealed goggles

Body protection: Protective work clothing

9 Physical and chemical properties

General Information

Form: Aerosol
Colour: Colourless
Odour: Mild

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Not applicable, as aerosol.

Flash point: Not applicable, as aerosol.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: 0.8 Vol %
Upper: 8.5 Vol %

Vapour pressure at 20°C: 10 hPa

Density: Not determined.

Solubility in / Miscibility with water:

Not miscible or difficult to mix.

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

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Dangerous reactions

Forms explosive gas mixture with air.
Reacts with fabric soaked in the product (e.g. cleaning wool).
Self igniting.
Exothermic reaction.
Forms heat.

Dangerous decomposition products:

Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)

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)
Must not be applied on the same spraying stand as lacquers or lacquer corrosives that contain NC (nitrocellulose). Risk of self-ignition.

11 Toxicological information

Acute toxicity:**LD/LC50 values relevant for classification:****64742-49-0 Naphtha (petroleum), hydrotreated light**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4h	>20 mg/l (rat)

Primary irritant effect:

on the skin: At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

12 Ecological information

Ecotoxicological effects:**Acquatic toxicity:****64742-49-0 Naphtha (petroleum), hydrotreated light**

EC50 / 24h	<130 mg/kg (Oncorhynchus mykiss (Regenbogenforelle))
	>100 mg/kg (senastrum capricornutum)

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow product to reach ground water, water course or sewage system.

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13 Disposal considerations**Product:****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 01 11	waste paint and varnish containing organic solvents or other dangerous substances
15 01 11	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
16 05 05	gases in pressure containers other than those mentioned in 16 05 04

Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

Recommended cleansing agents: Solvent naphtha

14 Transport information**Land transport ADR/RID (cross-border)**

ADR/RID class: 2 5F Gases.
Danger code (Kemler): 23
UN-Number: 1950
Packaging group: -
Hazard label: 2.1
Description of goods: 1950 AEROSOLS

Maritime transport IMDG:

IMDG Class: 2.1
UN Number: 1950
Label 2.1
Packaging group: -
EMS Number: F-D,S-U
Marine pollutant: No
Proper shipping name: AEROSOLS

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 2.1
UN/ID Number: 1950
Label 2.1
Packaging group: -
Proper shipping name: AEROSOLS, flammable

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15 Regulatory information

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product:

F+ Extremely flammable

Risk phrases:

12 Extremely flammable.
66 Repeated exposure may cause skin dryness or cracking.

Safety phrases:

2 Keep out of the reach of children.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe fumes/aerosol.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.
56 Dispose of this material and its container to hazardous or special waste collection point.

Special labelling of certain preparations:

Warning:
Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)
Must not be applied on the same spraying stand as lacquers or lacquer corrosives that contain NC (nitrocellulose). Risk of self-ignition.
Contains 2-butanonoxime, cobalt carboxylate. May produce an allergic reaction.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
Buildup of explosive mixtures possible without sufficient ventilation.
Keep out of the reach of children

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.

Department issuing MSDS: product safety department

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Contact: Hr. Dr. Starp

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*** Data compared to the previous
version altered.**

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