

Safety data sheet

according to UK REACH

Printing date 02.03.2026

Version number 3.1

Revision: 27.02.2026

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

Product identifier

Trade name: Polyx®-Oil Care and Repair Paste

Article number: 3080

Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture

Maintenance product
Coating compound/ Surface coating/ paint

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

Emergency telephone number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111
IE: National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

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

2 Hazards identification

Classification of the substance or mixture

The product is not classified, according to the Globally Harmonised System (GHS).

Additional information:

For the wording of the listed hazard phrases refer to section 16.

Label elements

Hazard pictograms

Void

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Signal word	Void
Hazard statements	Void
Precautionary statements	P102 Keep out of reach of children.
Additional information:	EUH210 Safety data sheet available on request.
Other hazards	Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly. 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

3 Composition/information on ingredients

Chemical characterisation: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 64742-48-9 EC number: 918-481-9 Reg.nr.: 01-2119457273-39	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 % Asp. Tox. 1, H304	30-60%
CAS: 84418-68-8 EINECS: 282-780-4	Neodecanoic acid, zinc salt, basic Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0.25–<2.5%

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

4 First aid measures

Description of first aid measures

General information:	Take affected persons out into the fresh air.
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:	Immediately wash with water and soap and rinse thoroughly. If skin irritation or rash occurs: Get medical advice/attention.
After eye contact:	Rinse opened eye for several minutes under running water.
After swallowing:	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Information for doctor:	
Most important symptoms and effects, both acute and delayed	Dizziness

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Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

5 Firefighting measures

Extinguishing media

Suitable extinguishing agents:

CO₂, 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 arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide (CO)
carbon dioxide (CO₂)

Advice for firefighters

Protective equipment:

Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
General measures for chemical fires.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Keep away from ignition sources.
Wear protective clothing.

Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

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 section 13.
Ensure adequate ventilation.

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.

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7 Handling and storage

- Handling:** Even a small sip can lead to life-threatening damage to the lungs. Keep rags filled with this liquid out of the reach of children.
- Precautions for safe handling** Use only in well ventilated areas.
 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 inhale gases / fumes / aerosols.
 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.
- Conditions for safe storage, including any incompatibilities**
- Storage:**
- Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- Information about storage in one common storage facility:** Not required
- Further information about storage conditions:** None.
- Storage class:** 10
- Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- 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.
- Exposure controls**
- Personal protective equipment:**
- General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed.
 Avoid contact with the eyes and skin.
 Immediately remove all soiled and contaminated clothing
 Do not inhale gases / fumes / aerosols.

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Respiratory protection:	The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke or sniff while working. Do not carry product impregnated cleaning cloths in trouser pockets. See Section 7 for information on safe handling. Not necessary if room is well-ventilated. 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.
Protection of hands:	Protective gloves and protective skin cream To avoid skin problems reduce the wearing of gloves to the required minimum. Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Material of gloves	Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation 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 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 Recommended thickness of the material: ≥ 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).
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

Information on basic physical and chemical properties

General Information

Appearance:

Form: Pasty

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Colour:	Yellowish
Odour:	Mild
Odour threshold:	Not determined
pH-value:	Mixture is non-polar/aprotic.
Change in condition	
Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	>166 °C
Flash point:	>60 °C (DIN EN ISO 2719)
Flammability	Not applicable
Auto-ignition temperature:	>200 °C
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.7 Vol %
Upper:	6.0 Vol %
Vapour pressure:	Not determined
Density at 20 °C:	0.88–0.95 g/cm ³ (DIN 51757)
Relative density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	
Dynamic at 20 °C:	>15000 mPas
Solvent content:	
VOC (EC)	<500 g/l
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity

No further relevant information available.

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Chemical stability**Thermal decomposition /****conditions to be avoided:**

No decomposition if used and stored according to specifications.

Possibility of hazardous**reactions**

Reacts with fabric soaked in the product (e.g. cleaning wool).

Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials:

No further relevant information available.

Hazardous decomposition**products:**

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

Formation of toxic gases is possible during heating or in case of fire.

Additional information:

Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly.

11 Toxicological information

Information on toxicological effects**Acute toxicity****LD/LC50 values relevant for classification:****CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %**

Oral LD50 >5,000 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rat)

Inhalative LC50 / 4h >5 mg/l (rat)

CAS: 84418-68-8 Neodecanoic acid, zinc salt, basic

Oral LD50 >5,000 mg/kg (rat) (Acute Oral Toxicity)

Dermal LD50 >3,640 mg/kg (rat) (Acute Dermal Toxicity)

LC50 / 72h 2.05 mg/l (algae)

Primary irritant effect:**Skin corrosion/irritation**

No irritant effect.

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

No irritating effect.

Based on available data, the classification criteria are not met.

Respiratory or skin**sensitisation**

Sensitising effect by skin contact is possible by prolonged exposure.

Subacute to chronic toxicity:

Based on available data, the classification criteria are not met.

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12 Ecological information

Toxicity

Aquatic toxicity:

CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %

EC50 / 48h >1,000 mg/l (Daphnia magna)

IC50 / 72h >1,000 mg/l (algae)

LC50 / 96h >1,000 mg/l (fish)

CAS: 84418-68-8 Neodecanoic acid, zinc salt, basic

IC50/ 3h 5.2 mg/l (activated sludge organism) (Activated Sludge, Respiration Inhibition Test)

LC50 / 96h 0.112 mg/l (fish)

NOEC / 3 days 0.06 mg/l (algae)

Persistence and degradability No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation

Do not clean empty packaging before disposal.

Paint must not be flushed down the drain, not even when cleaning painting tools.

Consumers: Dispose of paint leftovers at your local household hazardous waste collection point.

Professionals: Dispose of paint leftovers by contracting a waste management company.

For information on the prevention of the release of synthetic polymer particles see Section 15

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

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Recommended cleansing agents:

 Solvent naphtha
 Osmo Brush Cleaner and Thinner

14 Transport information

UN-Number ADR, ADN, IMDG, IATA	Not applicable
UN proper shipping name ADR, ADN, IMDG, IATA	Not applicable
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Not applicable
Packing group ADR, IMDG, IATA	Not applicable
Environmental hazards: Marine pollutant:	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
UN "Model Regulation":	Not applicable

15 Regulatory information
Safety, health and environmental regulations/legislation specific for the substance or mixture
Poisons Act
Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

GHS label elements

Void

Hazard pictograms

Void

Signal word

Void

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Hazard statements

Precautionary statements

Chemical safety assessment

Named dangerous

Void

P102 Keep out of reach of children.

substances - ANNEX I

None of the ingredients is listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

Relevant phrases

H304 May be fatal if swallowed and enters airways.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

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

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)

VOC: Volatile Organic Compounds (USA, EU)

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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Sources

ECHA Portal

Safety data sheets from raw material suppliers

ESIS : European chemical Substances Information System

*** 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)