

Safety data sheet

according to UK REACH

Printing date 30.03.2026

Version number 5.5

Revision: 09.03.2026

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

Product identifier**Trade name:** End Grain Sealing Wax**Article number:** 5735**Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture

Paint

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
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)
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**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

Flam. Liq. 3 H226 Flammable liquid and vapour.

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

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Label elements**Hazard pictograms**

GHS02

Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat. - No smoking.

P262 Do not get in eyes, on skin, or on clothing.

P271 Use only outdoors or in a well-ventilated area.

P501 Dispose of contents/container in accordance with national regulations.

Other hazards

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	25–50%
CAS: 64742-49-0 EC number: 927-241-2 Reg.nr.: 01-2119471843-32	aliphatic hydrocarbons, C9-C10 Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412	≥10-<20%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether	≤2.5%
CAS: 84418-68-8 EINECS: 282-780-4	Neodecanoic acid, zinc salt, basic Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0.25–≤1%

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.

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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. If symptoms persist, consult a doctor.
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	Headache Dizziness
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:	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 arising from the substance or mixture	Formation of toxic gases is possible during heating or in case of fire.
Advice for firefighters	
Protective equipment:	Mouth respiratory protective device. Do not inhale explosion gases or combustion gases. 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	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Keep away from ignition sources. Wear protective clothing.
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Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.
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.

7 Handling and storage

Handling:

Precautions for safe handling Use only in well ventilated areas.
Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.
Prevent formation of aerosols.
Open and handle receptacle with care.

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 ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by

storerooms and receptacles: Store only in the original receptacle.
Store in a cool location.

Information about storage in

one common storage facility: Not required

Further information about

storage conditions:

Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Storage class:

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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:
CAS: 34590-94-8 Dipropylene glycol monomethyl ether

WEL	Long-term value: 308 mg/m ³ , 50 ppm
Sk	

DNELs

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

Oral	DNEL Verbraucher (Langzeit - systemische Effekte)	36 mg/kgKG/Tag
Dermal	DNEL Verbraucher (Langzeit - systemische Effekte)	121 mg/cm ²
Inhalative	Worker (chronic - Systemic health effec)	308 mg/m ³
	DNEL Verbraucher (Lanzzeit - systemische Effekte)	37.2 mg/m ³

PNECs

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

PNEC sea water	1.9 mg/l
PNEC fresh water	19 mg/l
PNEC sediment (fresh water)	70.2 mg/kg
PNEC sediment (sea water)	7.02 mg/kg
PNEC soil	2.74 mg/kg
PNEC sewage treatment plant interrupted release	4,168 mg/l
	190 mg/l

Additional information:

The lists valid during the making were used as basis.

Exposure controls

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.

Do not carry product impregnated cleaning cloths in trouser pockets.

See Section 7 for information on safe handling.

Respiratory protection:

Not necessary if room is well-ventilated.

Use suitable respiratory protective device only when aerosol or mist is formed.

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.

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Protection of hands:

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.

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.

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 of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: 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:**

Fluid

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:

> 144 °C

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Flash point:	>45 °C (DIN EN ISO 2719)
Flammability	Not applicable
Auto-ignition temperature:	240 °C
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower:	0.7 Vol % (Bezug: Lösemittel)
Upper:	6.0 Vol % (Bezug: Lösemittel)
Vapour pressure at 20 °C:	10 hPa
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:	Not determined
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity	No further relevant information available.
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)

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

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: 64742-49-0 aliphatic hydrocarbons, C9-C10

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 / 4h	>20 mg/l (rat)

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	9,500 mg/kg (rat)
		13,000–14,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (selenastrum capricornutum)

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.

Additional toxicological

information:

The product can cause inheritable damage.

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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: 64742-49-0 aliphatic hydrocarbons, C9-C10

EC50 / 24h <130 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

>100 mg/l (selenastrum capricornutum)

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

EC50 / 48h 70.2 mg/l

1,919 mg/l (Daphnia magna)

EC50/ 72h >969 mg/l (algae)

LC50 / 96h >10,000 mg/l (aquatic vertebrates - in vivo)

>1,000 mg/l (fish)

5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

LC50 / 48h 1,919 mg/l (daphnia)

10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

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.

Ecotoxicological effects:
Behaviour in sewage processing plants:
CAS: 34590-94-8 Dipropylene glycol monomethyl ether

EC50/ 96h 969 mg/l (algae)

Additional ecological information:
General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Results of PBT and vPvB assessment
PBT: Not applicable

vPvB: Not applicable

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Trade name: End Grain Sealing Wax
Other adverse effects

No further relevant information available.

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13 Disposal considerations

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

14 Transport information

UN-Number
ADR, IMDG, IATA

UN1263

UN proper shipping name
ADR

1263 PAINT

IMDG, IATA

PAINT

Transport hazard class(es)
ADR
Class

3 (F1) Flammable liquids.

Label

3

IMDG, IATA
Class

3 Flammable liquids.

Label

3

Packing group
ADR, IMDG, IATA

III

Environmental hazards:
Marine pollutant:

No

Special precautions for user

Warning: Flammable liquids.

Hazard identification number (Kemler code):

30

EMS Number:

F-E, S-E

Stowage Category

A

Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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Transport/Additional information:
ADR
Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category

3

Tunnel restriction code

D/E

IMDG
Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 1263 PAINT, 3, III

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

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms


GHS02

Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat. - No smoking.

P262 Do not get in eyes, on skin, or on clothing.

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P271 Use only outdoors or in a well-ventilated area.

P501 Dispose of contents/container in accordance with national regulations.

Chemical safety assessment**Named dangerous****substances - ANNEX I**

None of the ingredients is listed.

Seveso category

P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes)**for the application of lower-****tier requirements**

5.000 t

Qualifying quantity (tonnes)**for the application of upper-****tier requirements**

50.000 t

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

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful 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)
 DNEL: Derived No-Effect Level (UK REACH)
 PNEC: Predicted No-Effect Concentration (UK REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 ATE: Acute toxicity estimate values
 Flam. Liq. 3: Flammable liquids – Category 3
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 Asp. Tox. 1: Aspiration hazard – Category 1

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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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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)

GB