

Safety Data Sheet

in accordance with HSNO

Date of issue: 08.04.2026

Version number 7.2 (replaces version 7.1)

Revision: 08.04.2026

SECTION 1: Identification of the substance or mixture and of the supplier

Other means of identification

Trade name: **Wood Wax Finish**

Article number: 3101-3192
& mixed colours

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

No further relevant information available.

Application of the substance

/ the mixture 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: National Poison Centre: 0800 764 766 (0800 POISON)
Chemcall 24/7 Emergency Response Service: 0800 243 622 (0800 CHEMCALL)
Emergency Services (Fire, Ambulance, Police): Dial 111

Importer

Bailey Wood
Osmo New Zealand 2025 Limited
8011 Christchurch
362 Cashel Street
Neuseeland
E-Mail: info@osmo.co.nz
Telefon: 00649575/9849
Mobil: 00642192/9555

SECTION 2: Hazards identification

Classification of the substance or mixture

Flammable liquids Category 4 H227 Combustible liquid.

Additional information: HSNO Classes: 3.1D

Label elements

Hazard pictograms Void

Signal word Warning

Hazard statements H227 Combustible liquid.

Precautionary statements P102 Keep out of reach of children.

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- P210 Keep away from flames and hot surfaces. No smoking.
- P280 Wear protective gloves / eye protection.
- P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
- P403 Store in a well-ventilated place.
- P501 Dispose of contents/container in accordance with national regulations.

Other hazards

Observe the general safety regulations when handling chemicals.

Always wear a dust mask when sanding.

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.

Results of PBT and vPvB assessment**PBT:** Not applicable**vPvB:** Not applicable

SECTION 3: Composition/Information on ingredients

Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 64742-48-9 EC number: 918-481-9	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %	30–50%
	Aspiration hazard Category 1, H304; Flammable liquids Category 4, H227	
CAS: 84418-68-8 EINECS: 282-780-4	Neodecanoic acid, zinc salt, basic	≥0.25–<2.5%
	Hazardous to the aquatic environment acute Category 1, H400; Hazardous to the aquatic environment chronic Category 2, H411; Flammable liquids Category 4, H227	

SVHC Not applicable**Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

Description of first aid measures**General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.

Rinse with warm water.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**After swallowing:** Rinse mouth.

Do NOT induce vomiting.

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**Most important symptoms
and effects, both acute and
delayed**

If symptoms persist consult doctor.

**Indication of any immediate
medical attention and special
treatment needed**

No further relevant information available.

No further relevant information available.

SECTION 5: Fire fighting 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
Advice for firefighters**

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

Protective equipment:

General measures for chemical fires.

Additional information

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

SECTION 6: Accidental release measures

**Personal precautions,
protective equipment and
emergency procedures**

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

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:

Warm water and cleansing agent
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.
Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

Precautions for safe handling Use only in well ventilated areas.
 Ensure good ventilation/exhaustion at the workplace.
 Prevent formation of aerosols.

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
 Do not inhale gases / fumes / aerosols.

Information about fire - and explosion protection: Protect against electrostatic charges.

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: Store receptacle in a well ventilated area.

Storage class: 10

Specific end use(s) No further relevant information available.

SECTION 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

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures: Do not eat, drink, smoke or sniff while working.
 Do not carry product impregnated cleaning cloths in trouser pockets.
 Keep away from foodstuffs, beverages and feed.
 Do not inhale gases / fumes / aerosols.

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

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Hand protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
 Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
 Not necessary if room is well-ventilated.

Material of gloves

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
 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/face protection

Goggles recommended during refilling

Body protection:

Protective work clothing

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties**General Information****Physical state**

Liquid

Colour:

Different according to colouring

Odour:

Mild

Melting point/freezing point:

Undetermined

Boiling point or initial boiling point and boiling range

> 180 °C (> 356 °F) (DIN 51751)

Lower and upper explosion limit**Lower:**

0.7 Vol %

Upper:

6.0 Vol %

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Flash point:	≥ 61 °C (≥ 141.8 °F) (DIN EN ISO 2719)
Auto-ignition temperature:	240 °C (464 °F)
pH	Not applicable
Viscosity:	
Kinematic viscosity at 20 °C (68 °F)	35–45 s (DIN 53211/4mm)
Kinematic viscosity at 20 °C (68 °F)	35–45 s (DIN 53211/4mm)
Dynamic at 40 °C (104 °F):	>18.9–27.3 mPas
Solubility	
water:	Not miscible or difficult to mix.
Vapour pressure:	3 hPa [20°C]
Density and/or relative density	
Density at 20 °C (68 °F):	0.9–1.5 g/cm ³ (7.511–12.518 lbs/gal) (DIN 51757)
Particle characteristics	Not applicable

Other information
Appearance:
Form: Fluid

Important information on protection of health and environment, and on safety.
Ignition temperature:

Product is not selfigniting.

Explosive properties:

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

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Combustible liquid.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

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SECTION 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). Reacts with acids, alkalis and oxidising agents.
Conditions to avoid	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x)
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.

SECTION 11: Toxicological information

Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

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

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin

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

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

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STOT-repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.
Subacute to chronic toxicity: Based on available data, the classification criteria are not met.
Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 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.

Bioaccumulative potential No further relevant information available.

Mobility in soil Void

Results of PBT and vPvB assessment

Void

PBT: Not applicable

vPvB: Not applicable

Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

Other adverse effects
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.

SECTION 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.

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Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

Recommended cleansing agents:

Solvent naphtha

Osmo Brush Cleaner and Thinner

SECTION 14: Transport information

UN number or ID number**NZS, ADN, IMDG, IATA**

Not applicable

UN proper shipping name**NZS, ADN, IMDG, IATA**

Not applicable

Transport hazard class(es)**NZS, ADN, IMDG, IATA****Class**

Not applicable

Packing group**NZS, IMDG, IATA**

Not applicable

Environmental hazards:**Marine pollutant:**

No

Special precautions for user

Not applicable

Maritime transport in bulk according to IMO instruments

Not applicable

UN "Model Regulation":

Not applicable

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture**New Zealand Inventory of Chemicals**

All ingredients are listed.

HSNO Approval numbers

This product is approved under the Surface Coatings and Colourants (Combustible) Group Standard 2020 (HSR002657) and complies with the requirements of the Hazardous Substances (Safety Data Sheets) Notice 2017.

GHS label elements

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

Hazard pictograms

Void

Signal word

Warning

Hazard statements

H227 Combustible liquid.

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Precautionary statements

P102 Keep out of reach of children.
 P210 Keep away from flames and hot surfaces. No smoking.
 P280 Wear protective gloves / eye protection.
 P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
 P403 Store in a well-ventilated place.
 P501 Dispose of contents/container in accordance with national regulations.

Chemical safety assessment**Named dangerous****substances - ANNEX I** None of the ingredients is listed.**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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

H227 Combustible liquid.
 H304 May be fatal if swallowed and enters airways.
 H400 Very toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Flammable liquids Category 4: Flammable liquids – Category 4
 Aspiration hazard Category 1: Aspiration hazard – Category 1
 Hazardous to the aquatic environment acute Category 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Hazardous to the aquatic environment chronic Category 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
 ESIS : European chemical Substances Information System
 ECHA Portal
 Safety data sheets from raw material suppliers

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

Additions, Deletions, Revisions
 Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (REACH)