

Safety Data Sheet

in accordance with HSNO

Date of issue: 08.04.2026

Version number 22.1 (replaces version 22.0)

Revision: 08.04.2026

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

Other means of identification

Trade name: Osmo Natural Oil Woodstain

Article number: 700, 702, 703, 706, 707, 708, 710, 712, 727, 728, 731, 732, 739, 900, 903, 905, 906, 907
& 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

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:

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.

Hazardous to the aquatic environment chronic Category 3
H412 Harmful to aquatic life with long lasting effects.

Additional information:

For the wording of the listed hazard phrases refer to section 16.
HSNO Classes: 3.1D; 9.1C

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Trade name: Osmo Natural Oil Woodstain

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Label elements**Hazard pictograms**

Void

Signal word

Warning

Hazard statements

H227 Combustible liquid.

H412 Harmful to aquatic life with long lasting effects.

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, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

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

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

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 % Aspiration hazard Category 1, H304; Flammable liquids Category 4, H227	25-50%
CAS: 55406-53-6	3-Iodo-2-propynylbutylcarbamate Acute inhalation toxicity Category 2, H330; Specific target organ toxicity - repeated exposure Category 1, H372; Serious eye damage Category 1, H318; Hazardous to the aquatic environment acute Category 1, H400 (M=10); Hazardous to the aquatic environment chronic Category 1, H410 (M=10); Acute oral toxicity Category 4, H302; Skin sensitisation Category 1, H317	≥0.1–<0.25%

SVHC

Not applicable

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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:

Take affected persons out into the fresh air.
Immediately remove any clothing soiled by the product.

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.
Immediately rinse with water.
If skin irritation continues, consult a doctor.
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:

Rinse mouth.
If swallowed, seek medical advice immediately and show this container or label.
Do NOT induce vomiting.

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.

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

carbon dioxide (CO₂)
Carbon monoxide (CO)
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.
Wear self-contained respiratory protective device.
General measures for chemical fires.

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Additional information

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

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training.

For emergency responders

Wear protective equipment. Keep unprotected persons away.

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.

SECTION 7: Handling and storage

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.
Avoid contact with skin and eyes.

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.

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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.

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

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

Ensure good ventilation/exhaustion at the workplace.

Individual protection measures, such as personal protective equipment
General protective and
hygienic measures:

Immediately remove all soiled and contaminated clothing

Keep away from foodstuffs, beverages and feed.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

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:

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

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.

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Hand protection

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/face protection

Tightly sealed goggles

Body protection:

Protective work clothing

SECTION 9: Physical and chemical properties

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

Liquid

Colour:

According to product specification

Odour:

Mild

Odour threshold:

Not determined

Melting point/freezing point:

Undetermined

Boiling point or initial boiling point and boiling range

>180 °C (>356 °F)

Flammability

Not applicable

Lower and upper explosion limit**Lower:**

0.6 Vol %

Upper:

7 Vol %

Flash point:

>61 °C (>141.8 °F) (DIN EN ISO 2719)

Auto-ignition temperature:

240 °C (464 °F)

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Decomposition temperature:	Not determined
pH	Mixture is non-polar/aprotic. Not applicable
Viscosity:	
Kinematic viscosity at 20 °C (68 °F)	30-60 s (DIN EN ISO 2431/3mm)
Dynamic:	Not determined
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density	
Density at 20 °C (68 °F):	0.96–1.05 g/cm ³ (8.011–8.762 lbs/gal) (DIN 51757)
Relative density	Not determined
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 does not present an explosion hazard.

Solvent content:
VOC (EC)

<400 g/l

Change in condition
Evaporation rate

Not determined

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

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Corrosive to metals

Void

Desensitised explosives

Void

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

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.

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:**ATE (Acute Toxicity Estimates)**

Inhalative	LC50 / 4h	23.4–<27.4 mg/l
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CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %

Oral	LD50	>5,000 mg/kg (rat)
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Dermal	LD50	>5,000 mg/kg (rat)
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Inhalative	LC50 / 4h	>5 mg/l (rat)
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CAS: 55406-53-6 3-Iodo-2-propynylbutylcarbamate

Oral	LD50	500 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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Inhalative	LC50 / 4h	0.05 mg/l (ATE)
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Primary irritant effect:**Skin corrosion/irritation**

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

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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.

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

CAS: 55406-53-6 3-Iodo-2-propynylbutylcarbamate

List II

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: 55406-53-6 3-Iodo-2-propynylbutylcarbamate

EC50 / 48h 0.16 mg/l (Daphnia magna)

EC50/ 72h 0.022 mg/l (algae)

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Results of PBT and vPvB assessment
PBT: Not applicable

vPvB: Not applicable

Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

Other adverse effects
Remark: Harmful to aquatic life with long lasting effects.

Harmful to fish

Behaviour in sewage processing plants:
CAS: 55406-53-6 3-Iodo-2-propynylbutylcarbamate

EC50/ 96h 0.067 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

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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.
 Harmful to aquatic organisms

SECTION 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.

Recommended cleansing agents:

Solvent naphtha

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

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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.

H412 Harmful to aquatic life with long lasting effects.

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, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

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.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

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H318 Causes serious eye damage.

H330 Fatal if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very 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)

VOC: Volatile Organic Compounds (USA, EU)

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

Acute oral toxicity Category 4: Acute toxicity – Category 4

Acute inhalation toxicity Category 2: Acute toxicity – Category 2

Serious eye damage Category 1: Serious eye damage/eye irritation – Category 1

Skin sensitisation Category 1: Skin sensitisation – Category 1

Specific target organ toxicity - repeated exposure Category 1: Specific target organ toxicity
 (repeated exposure) – Category 1

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 1Hazardous to the aquatic environment chronic Category 1: Hazardous to the aquatic environment
 - long-term aquatic hazard – Category 1Hazardous to the aquatic environment chronic Category 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 (REACH)