



WOOD FINISHES DIRECT

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For purchasing information visit:
[Polyvine Wood Oil](#)



TECHNICAL DATA SHEET

PRODUCT: POLYVINE wood oil, exterior and interior
POLYVINE woodstain oil, exterior and interior

PRODUCT DESCRIPTION

Wood oil exterior and interior

A unique, clear, UV resistant, microporous oil protection for exterior and interior wood that is ultra-low in VOCs.

A blend of resins and oils gives a silky sheen finish and highlights the natural grain of the wood and has no added solvents. It is suitable for exterior and interior softwood and hardwood timber applications, giving deep penetration for waterproofing and preservation.

Polyvine Wood Oil is not a surface coating, its place is in the wood not on the surface. Wood Oil protects by penetrating the wood, providing a rich oil finish.

coverage:

16-20 sq. m per litre, 160-200 sq. ft. per quart, depending on the porosity of the substrate.

drying time:

12 hours, **recoat time** 12 hours. Low temperature /high humidity can increase drying time.

application:

New timber should be clean, non-oily and thoroughly dry. Remove all old coatings to bare wood. If the timber is not pressure treated apply an appropriate wood preservative. Stir thoroughly.

For best results use a clean, lint free cloth.

Apply a thin even coat in the direction of the grain, work the oil into the grain of the wood ensuring complete saturation of the timber. When dry (minimum 12 hours), apply a second coat.

Do not apply below 5° C.

no added solvents - water repellent

does not blister or peel - very high solids

UV protective filters - microporous

biocides protect against algae, mildew and fungal attack

caution:

Always apply to a test area before starting work. Do not apply when rain is imminent. Timbers containing high natural oils, e.g. Teak and Iroko, may inhibit drying and cause impaired adhesion. Wiping surface with methylated spirit will assist penetration.

Application rollers, sponges and pads, or clothes soaked in this product, may spontaneously combust if left. Dispose of after soaking in water. Wear a suitable face mask if dry sanding.

storage:

Protect from extremes of temperature during storage and application.

clean up:

Clean brushes and spillages with white spirit.

health, safety and the environment:

Keep out the reach of children. If swallowed, seek medical advice immediately and show this container or label. Use only in well ventilated areas.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Cloths contaminated with product may self ignite without warning. Dispose of safely. Lay out flat in single layers to dry out or wash in soapy water.

PACKAGING

500ml/17.6oz. 1L/35.2oz. 2.5L/87.9 oz.

STORAGE

Store in unopened containers in a cool dry place away from direct sunlight.

The information supplied herein is accurate to the best of our knowledge. Since conditions and methods are beyond our control, no warranty is expressed or implied. You are advised to assess the suitability of the product on a test area before application

Further information may be obtained from:

<p>POLYVINE LIMITED Vine House Cheddar Business Park Wedmore Rd. Cheddar BS27 3EB United Kingdom</p>

Telephone No.	01934 740305
International	+44 1934 740305
Email	info@polyvine.co.uk
Web	www.polyvine.com

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

1.1 Product identifier

Product name:

WOOD OIL WOODSTAIN OIL exterior interior

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

1.3. Details of the supplier of the safety data sheet

Company name:

POLYVINE LTD
VINE HOUSE,
CHEDDAR BUSINESS PARK,
WEDMORE ROAD,
CHEDDAR BS27 3EB
ENGLAND
Tel: 0044 845 017 1671
Fax: 0044 845 017 1670
Email: laboratory@polyvine.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: Precautionary statements: P102: Keep out of reach of children. P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. P262: Do not get in eyes, on skin, or on clothing. P280: Wear protective gloves and eye protection. P302+350: IF ON SKIN: Gently wash with plenty of soap and water. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Spontaneous ignition possible through autoxidation of cloths soaked in the product

Section 3: Composition/information on ingredients

3.2. Mixtures

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in

quantities, in accordance with EU or national regulations should be referred to in Section 3.

Chemical characterization Polyurethane polymer oil

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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media Dry extinguishing powder, Carbon dioxide (CO₂), Sand

Extinguishing media which must not be used for safety reasons Water

Water can be used to cool containers filled with the product. Avoid contact with the caustic surface. A sprinkler system should only be used for cooling closed containers filled with the product.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In case of fire may be liberated: Acrolein, carbon monoxide, carbon dioxide

5.3. Advice for fire-fighters

Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do NOT allow run-off from fire fighting to enter drains or water courses.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

: Ventilate the area. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing (see section 8).

6.2. Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid inhalation of vapour. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. The Manual Handling Operations Regulations may apply to the handling of containers of this product.

Do not bring in contact with strong oxidizing agents.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. KEEP AWAY FROM FREEZING, minimum storage temperature 10-305 degrees C. Keep away from direct sunlight. Keep container tightly closed.

TRGS 510 10 - Combustible liquids, unless storage class 3

Materials soiled with product such as cleaning rags, tissues and protective clothing, may ignite spontaneously a few hours later. To avoid the risks of fires, all contaminated materials should be placed in a closed metal container soaked with water.

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Advice on protection against fire and explosion

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters Hazardous ingredients:

Workplace exposure limits: No data available.

DNEL/PNEC Values DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Respiratory protection: If there is a risk of exposure to high vapour concentrations, use respiratory protective equipment. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations. Hand protection: Protective gloves. Eye protection: Eye protection designed to protect against liquid splashes should be worn. Skin protection: Overalls are normally suitable, PVC apron if risk of splashing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid

Colour amber

Odour characteristic

Odour threshold not determined

pH Not applicable

Melting point [°C] / Freezing point

[°C]

not determined

Boiling point [°C] not determined (polymerizes when heated)

Flash point [°C] >120

Evaporation rate [kg/(s*m²)] not determined

Flammability (solid, gas) This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

Explosion limits [Vol-%]

Lower limit : not determined

Upper limit : not determined

Vapour pressure [kPa] not determined

Vapour density not determined

Density [g/cm³] 0,97

Relative density not determined

Water solubility [g/l] No data available

Partition coefficient n-octanol /water (log P O/W)

No data available

Autoignition temperature [°C] >200

Decomposition temperature [°C] not determined

Viscosity, dynamic 500-1500

unit : mPas

Measuring method : ISO 1652, Brookfield RVT

Risk of explosion. not explosive.

Oxidising properties Not oxidising.

9.2. Other information

Other information: Not applicable.

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Section 10: Stability and reactivity

10.1 Reactivity

Reactivity In very fine dispersion in contact with air possible danger of self ignition.

Thermal decomposition Decomposition takes place from temperatures above: >250°C

10.2 Chemical stability

Chemical stability The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Hazardous reactions No known hazardous reactions.

10.4 Conditions to avoid

Conditions to avoid Keep away from heat sources, sparks and open flames.

10.5 Incompatible materials

Materials to avoid Oxidising agent, strong

Alkali (lye), concentrated Strong acid

10.6 Hazardous decomposition products

Hazardous decomposition products Acrolein, carbon monoxide, carbon dioxide

Section 11: Toxicological information

11.1. Information on toxicological effects

11.1 Information on toxicological effects

Oral toxicity [mg/kg] No data available

Dermal toxicity [mg/kg] No data available

Inhalative toxicity [mg/l] No data available

Irritant effect on skin Not an irritant.

Irritant effect on eyes Not an irritant.

Sensitization not sensitising.

Carcinogenic effects No data available

Mutagenicity No data available

Reproduction toxicity No data available

Caustic effect not corrosive

Specific target organ toxicity (repeated exposure) [mg/kg]

No known symptoms to date.

Section 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l] No data available

Toxicity to daphnia [mg/l] No data available

Toxicity to algae [mg/l] No data available

12.2 Persistence and degradability

Biodegradability No data available

12.3 Bioaccumulative potential

Bioaccumulation No data available

12.4 Mobility in soil

Mobility No data available

12.5 Results of PBT and vPvB assessment

REACH, annex XIII. Results of PBT characteristics determination

The substances in the mixture do not meet the PBT/vPvB criteria according to 12.6 Other adverse effects

Further information on ecology The product has not been tested.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations Do not dispose of with household waste. Do not allow to enter drains.

Dispose of waste according to applicable legislation.

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Uncleaned empty packaging Handle contaminated packages in the same way as the substance itself.

Suitable cleaning agents Water and soap

Retain contaminated washing water and dispose it.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

14.1. UN number UN number:

Not hazardous

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No Marine pollutant:

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Not required

Section 16: Other information

Other information Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H319: Causes serious eye irritation. R36/38: Irritating to eyes and skin. R36: Irritating to eyes. R43: May cause sensitisation by skin contact. R50: Very toxic to aquatic organisms. **Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. [final page]