



WOOD FINISHES DIRECT

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[Barrettine Water Seal](#)

Barrettine

SAFETY DATA SHEET

Waterseal

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

1.1. Product identifier

Product name Waterseal
Product number SPWS005
SDS number 10365

REACH substance type

Description (Dossier)

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

Identified uses Water repellent suitable for brick, concrete and timber.

1.3. Details of the supplier of the safety data sheet

Supplier Barrettine
Barrettine Works
St Ivel Way
Warmley
Bristol
BS30 8TY
Tel: 0117 960 0060
Fax: 0117 935 2437
sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 1270 502891

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Flam. Liq. 3 - H226

Health hazards

STOT SE 3 - H336 STOT RE 1 - H372 Asp. Tox. 1 - H304

Environmental hazards

Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)

Xn;R65. N;R51/53. R10,R66.

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

Waterseal

H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H336 May cause drowsiness or dizziness.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
 P261 Avoid breathing vapour/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P273 Avoid release to the environment.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P331 Do NOT induce vomiting.
 P314 Get medical advice/attention if you feel unwell.
 P391 Collect spillage.
 P403+P233+P235 Store in a well ventilated place. Keep container tightly closed. Keep cool
 P501 Dispose of contents/container in accordance with national regulations.

Contains

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Supplementary precautionary statements

P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P405 Store locked up.

2.3. Other hazards**SECTION 3: Composition/Information on ingredients****3.2. Mixtures**

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		>90%
CAS number: — EC number: 919-446-0 REACH registration number: 01-2119458049-33-XXXX		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	Xn;R65. N;R51/53. R66,R67,R10.	
STOT SE 3 - H336		
STOT RE 1 - H372		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Move affected person to fresh air at once. Get medical attention if any discomfort continues. Keep away from heat, sparks and open flame.

Inhalation

Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Waterseal

Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing. Launder clothing before reuse.

Eye contact

Promptly rinse eyes with plenty of clean water while lifting the eyelids.
Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.
Get immediate medical attention.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with water spray, foam, carbon dioxide, dry powder, sand, dolomite or other inert material. Do not use high pressure water jet as this may spread burning material.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Decomposition / combustion products include: Carbon monoxide (CO). Carbon dioxide (CO₂). Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

5.3. Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

Do not allow spilt material to enter drains or water courses. Cover all drains and sewers. Avoid spreading spilled material. Contain spillages with sand, earth or suitable inert absorbent material. Prevent further spillage if safe to do so. In the event of contamination of watercourses or sewers advise the Environment Agency, fire brigade and police.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb in vermiculite, sand, diatomaceous earth or other inert absorbent material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Use only with adequate ventilation. Do not breathe vapour or mist.
Keep away from heat, sparks or flame. Containers and equipment must be bonded to avoid static discharge. Use only electrical equipment suitable for explosive atmospheres.

7.2. Conditions for safe storage, including any incompatibilities

Waterseal

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Store away from oxidising materials, acids and bases or damp conditions.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Long-term exposure limit (8-hour TWA): WEL 330 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

DNEL	Industry - Inhalation; Long term systemic effects: 330 mg/m ³ Industry - Dermal; Long term systemic effects: 44 mg/kg/day Consumer - Inhalation; Long term systemic effects: 71 Consumer - Dermal; Long term systemic effects: 26 mg/kg/day Consumer - Oral; Long term systemic effects: 26 mg/kg/day
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8.2. Exposure controls

Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves the hands should be washed and thoroughly dried and a suitable moisturiser applied.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

If ventilation is insufficient suitable respiratory protection must be provided.

Seek advice and recommendations of the manufacturer or supplier of equipment

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Odour

aromatic hydrocarbons

Flash point

≥ 38.5°C CC (Closed cup).

Relative density

~ 0.8 @ 20°C

9.2. Other information

Waterseal

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

Stable under normal conditions of storage and use. See section 7.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid contact with the following materials: Acids. Oxidising agents.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Fires or excessive heat may give off toxic fumes and gases. Decomposition products may include carbon monoxide (CO) and carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

Harmful if swallowed accidentally. Can cause severe irritation of mucous membranes and the respiratory tract. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin contact

Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe irritation.

Eye contact

May cause severe eye irritation.

Acute and chronic health hazards

The product irritates mucous membranes and may cause abdominal discomfort if swallowed.

Waterseal

Toxicological information on ingredients.

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

15,000.0

Species

Rat

ATE oral (mg/kg)

15,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

3400.0

Species

Rat

ATE dermal (mg/kg)

3400.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC50 vapours mg/l)

13100.0

Species

Rat

ATE inhalation (vapours mg/l)

13100.0

SECTION 12: Ecological Information

Ecotoxicity

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

This material should not be allowed into drains, sewers or other water courses.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Empty containers may contain residual product and flammable vapours. Keep away from sparks, heat and sources of ignition.

Labels should not be removed. Product is hazardous waste. Do not allow into drains, sewers or water courses.

Disposal must be by means of a licensed waste contractor.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do

NOT Incinerate the container even when empty.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1993

Waterseal**14.2. UN proper shipping name**

Proper shipping name (ADR/RID) FLAMMABLE LIQUID, N.O.S.

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S.

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S.

Proper shipping name (ADN) FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID subsidiary risk

ADR/RID label 3

IMDG subsidiary risk

ICAO subsidiary risk

Transport labels

14.4. Packing group

ADR/RID packing group III

14.5. Environmental hazards**14.6. Special precautions for user**

Emergency Action Code 3YE

Hazard Identification Number (ADR/RID) 30

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH) Refer to Revised guidance 6th Edition 2013

<http://www.hse.gov.uk/pubns/priced/l5.pdf>

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

EU legislation

EC Regulation 1907/2006 (as amended) : 'REACH'. EC Regulation 1272/2008 (as amended): CLP (Classification, labelling and packaging of substances and mixtures). ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

Guidance

The storage of flammable liquids in containers HSG51 (HSE 1998). Introduction to Local Exhaust Ventilation HS(G)37.

Workplace Exposure Limits EH40/2007 (as amended). CHIP for everyone HSG228. Approved Classification and Labelling guide (Sixth edition). Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP 4). HSE Books, or download at: <http://www.hse.gov.uk/pubns/books/l131.htm> The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance. Fifth Edition 2005. HSE Books, or download at:

<http://www.hse.gov.uk/pubns/priced/l5.pdf>

15.2. Chemical safety assessment**SECTION 16: Other information**

Waterseal

Revision comments

Classification calculated in accordance with CLP (EC 1272/2008).

Revision date 27/01/2015

Risk phrases in full

NC Not classified.
R10 Flammable.
R11 Highly flammable.
R22 Harmful if swallowed.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Disclaimer

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