



SAFETY DATA SHEET STONE SEAL

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

1.1. Product identifier

Product name STONE SEAL

Product number R603

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

Identified uses Durable water and oil resistant penetrating sealer for concrete, brick, grout, terracotta, limestone, sandstone, decorative tiling and other porous or mineral floors and surfaces. Stone Seal provides an invisible protective barrier against oil and water on porous stone surfaces. Stone Seal can be used on internal and external stone floors, subject to testing.

1.3. Details of the supplier of the safety data sheet

Supplier www.prochem.co.uk
Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH

Telephone: 020 8974 1515
Fax: 020 8974 1511
sales@prochem.co.uk

1.4. Emergency telephone number

Emergency telephone 020 8974 1515 (office hours 8am to 5pm Monday to Friday) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Human health Contact with solution may cause mild transient irritation to eyes and skin. Non-irritant when dry. Spray/mists may cause respiratory tract irritation. Coughing. Difficulty in breathing. Inhalation of aerosol or fine spray mist may cause serious respiratory problems. Ingestion may cause: nausea Headache. systemic effects

2.2. Label elements

Hazard statements NC Not Classified

STONE SEAL

Precautionary statements	<p>P102 Keep out of reach of children.</p> <p>P260 Do not breathe vapour/ spray.</p> <p>P262 Do not get in eyes, on skin, or on clothing.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
---------------------------------	--

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Fluoropolymer dispersion CAS number: —	1-5%
Classification Acute Tox. 4 - H332	

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

Inhalation	In case of inhalation of spray mist: Move person into fresh air and keep at rest. Get medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	Irritation of nose, throat and airway. Difficulty in breathing. Inhalation of aerosol or fine spray mist may cause serious respiratory problems.
Ingestion	Ingestion may cause: nausea systemic effects
Eye contact	may cause mild transient irritation to eyes and skin.

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

Notes for the doctor	Treat symptomatically.
-----------------------------	------------------------

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.
-------------------------------------	--

5.2. Special hazards arising from the substance or mixture

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Hydrogen fluoride (HF).

STONE SEAL

5.3. Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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 discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Avoid inhalation of vapours and spray/mists.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep out of the reach of children. Store in closed original container at temperatures between 5°C and 30°C.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Do not apply by spray.

Eye/face protection

Side shield safety glasses are recommended when handling this product.

Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Hygiene measures

Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

STONE SEAL

Respiratory protection No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Opaque liquid.
Colour	Yellow.
Odour	Mild. Acrylic.
pH	pH (concentrated solution): 5
Initial boiling point and range	100°C
Flash point	Not applicable.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.0
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Viscosity	Not determined.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

STONE SEAL

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Hydrogen fluoride (HF).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Ingestion may cause: nausea systemic effects Inhalation May cause respiratory system irritation.

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 37.5

Skin corrosion/irritation

Skin corrosion/irritation Prolonged skin contact may cause redness and irritation.

Serious eye damage/irritation

Serious eye damage/irritation Contact with solution may produce mild transient irritation if not promptly rinsed.

Skin sensitisation

Skin sensitisation None known.

Germ cell mutagenicity

Genotoxicity - in vivo No effects expected based upon current data.

Carcinogenicity

Carcinogenicity No effects expected based upon current data.

Reproductive toxicity

Reproductive toxicity - fertility No effects expected based upon current data.

Toxicological information on ingredients.

Fluoropolymer dispersion

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 1.5

Species Rat

ATE inhalation (dusts/mists mg/l) 1.5

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity The product is not expected to be hazardous to the environment.

Ecological information on ingredients.

Fluoropolymer dispersion

STONE SEAL

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: > 120 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential Not known.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

SECTION 14: Transport information

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

None.

14.3. Transport hazard class(es)

ADR/RID class -

IMDG class -

14.4. Packing group

None.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

STONE SEAL

SECTION 15: Regulatory information

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

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information Telephone 020 8974 1515

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 24/05/2017

Revision 5

Supersedes date 16/01/2017

Please note: Where abbreviations have been used elsewhere the full text has been written below, for the classification of the product please refer to section 2.

Hazard statements in full H332 Harmful if inhaled.

Signature Aaron Saunders

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.