



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

Physical hazards

Not Classified

Health hazards

Not Classified

Environmental hazards

Not Classified

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

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

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Hazard statements

NC Not Classified

Precautionary statements

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

Detergent labelling

Contains DMDM Hydantoin, Iodopropynyl butylcarbamate

2.3. Other hazards

SECTION 3: Composition/Information on ingredients

3.2. Mixtures

Fluoropolymer dispersion	1-5%
CAS number: — EC number: —	
Classification Acute Tox. 2 - H330	Classification (67/548/EEC or 1999/45/EC) Xn;R20.

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.

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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).

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.

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

Occupational exposure limits

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

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Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists.

Eye/face protection

Side shield safety glasses are recommended when handling concentrate or during spray application.

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.

Respiratory protection

During spraying a suitable particle filter respirator, which is effective against sprays, mists and vapours, should be used.

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.

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Oxidising properties

Not applicable.

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. 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

Not determined.

10.4. 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

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

Acute toxicity - oral

Notes (oral LD50)

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

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

37.5

Skin corrosion/irritation

Animal data

Prolonged skin contact may cause redness and irritation.

Serious eye damage/irritation

Contact with solution may produce mild transient irritation if not promptly rinsed.

Skin sensitisation

None known.

Germ cell mutagenicity

Genotoxicity - in vivo

No effects expected based upon current data.

Carcinogenicity

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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

Species

Rat

Acute toxicity - inhalation

Acute toxicity inhalation (LC50 vapours mg/l)

1.5

Species

Rat

ATE inhalation (vapours mg/l)

1.5

SECTION 12: Ecological Information

12.1. Toxicity

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

Ecological information on ingredients.

Fluoropolymer dispersion

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

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

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

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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 MARPOL73/78 and the IBC Code

Not applicable.

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

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 18/08/2014

Revision 3

Supersedes date 13/05/2014

Signature Aaron Saunders

Risk phrases in full

NC Not classified.

R20 Harmful by inhalation.

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Hazard statements in full

H330 Fatal if inhaled.

Disclaimer

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.