SAFETY DATA SHEET

Seal Gold + WATERBASED PREMIUM PENETRATING SEALER

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

1.1 Product identifier
Seal Gold + WATERBASED PREMIUM PENETRATING SEALER

1.2 Relevant identified uses of the substance or mixture and uses advised against
Penetrating Natural-Look Sealer

1.3 Details of the supplier of the safety data sheet
All for Stone Limited
4 Gardd Yr Gwanwyn
Northrop Hall
Mold
Flintshire
CH7 6GA
Mold, Wales, U.K.
Tel: + 44 (0)1244 819939

E mail: info@celtexagencies.co.uk

1.4 Emergency telephone number

Tel. + 44 (0)1244 819939 (office hours)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture
Not classified as hazardous

2.2 Label elements
No hazard labelling required

2.3 Other hazards

SECTION 3: Composition

3.1 Substances
Not applicable – product is a mixture.

3.2 Mixtures
Aqueous dispersion of polyfluoroacrylate polymers.

Name	CAS No	Concentration (% w/w)	Classification
Ethyleneglycol monobutyl ether	111-76-2	<0.3	Xn; R20/21/22 Xi; R36/38

			Acute Tox. 4 H332, Acute Tox. 4 H312 Acute Tox. 4 H302, Eye Irrit. 2 H319, Skin Irrit. 2 H315

See section 16 for full description of R phrases and H statements.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Wash thoroughly with water for at least 5 minutes. Seek medical attention if signs of irritation or discomfort occur.
INHALATION: Remove from exposure. If breathing becomes difficult call a doctor.
SKIN CONTACT: Wash off with soap and water. Obtain medical advice if continued signs of irritation or discomfort are noted. Wash contaminated clothing before re-use.
INGESTION: If swallowed, rinse mouth with water. Seek medical attention if discomfort occurs

4.2 Most important symptoms and effects, both acute and delayed

EYE: May cause slight irritation, stinging, redness, watering eyes.
INHALATION: May cause slight irritation of the respiratory tract (nose, throat), coughing, breathing difficulties.
SKIN: Prolonged and repeated exposure may cause redness, drying and cracking of skin.
INGESTION: Abdominal discomfort, nausea, vomiting

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Product is not flammable. There are no known adverse reactions to any normal extinguishing media. Use extinguisher appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

If heated to decomposition in a fire the perfluoroacrylate polymers may evolve fumes of hydrogen fluoride. However, the quantities present in this product are very small.

5.3 Advice for fire fighters

In case of fire, wear fire kit and positive pressure self contained breathing apparatus.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Isolate the spill area and keep unnecessary personnel away. Ensure adequate ventilation. Wear suitable protective clothing including gloves and eye protection. See section 8 for further details. Caution – spill area may be slippery.

6.2 Environmental precautions

Prevent further leakage or spillage. Keep away from drains, surface and ground-water and soil. If large quantity of product does enter waterways or sewerage system, inform appropriate authorities.

Diluted product and washings may be discharged into foul-water systems leading to waste water treatment plants.

6.3 Methods and materials for containment and clearing up

SMALL SPILLS: Spills of up to 1 litre can be absorbed in a non-combustible absorbent, e.g. sand or vermiculite, and place in a suitable container and label for disposal.
LARGE SPILLS: Contain spill and cover if possible to prevent spreading of spilled material. Absorb spilled liquid with suitable material such as dirt or sand. Place in appropriate container and label for disposal.

Wash spill site thoroughly with water and detergent.

6.4 References to other sections
See section 8 for further advice on protective equipment and section 13 for further advice on disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Open containers slowly, on a stable surface. Avoid contact with skin and eyes. Do not breathe sprays or mists. Use only in a well-ventilated location. As with any chemical, employees should thoroughly wash hands with soap and water after handling this material. Do not eat or drink while handling this material.

7.2 Conditions for safe storage, including any incompatibilities
Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Store containers away from incompatible chemicals. Keep container tightly closed when not in use.

7.3 Specific end uses(s)
No special precautions.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

Substance	8 hour exposure limit	15 minute exposure limit	Source, Type
2-Butoxyethanol (ethylene glycol monobutyl ether)	25 ppm 123 mg/m^3	50 ppm 246 mg/m^3	EH40, 2007

8.2 Exposure controls

Engineering controls
Normal room ventilation is usually adequate.

Respiratory protection
Not normally required. If adequate ventilation is unavailable, use approved air-purifying respirator with organic vapour cartridge or canister.

Hand Protection
Wear suitable gloves. Rubber may provide adequate protection, but glove manufacturer's recommendations should always be checked first. Change gloves in accordance with manufacturer's recommendations. If gloves are damaged during use, remove immediately and wash hands before replacing with new gloves.

Eye protection
Wear safety glasses or goggles giving protection against liquid droplets/splashes.

Skin protection
Coveralls recommended. These should be changed after use or if contaminated. Wash before re-use.

Environmental exposure controls
When handling small quantities (less than 1 litre), no special precautions required. If handling bulk material, precautions should be taken to avoid accidental release to water courses.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties
Appearance: Milky light amber liquid
Odour: Slight

Odour threshold:	No data
pH:	8.75-9.0
Melting point:	Similar to water
Boiling point:	Similar to water
Flashpoint:	> 100°C
Evaporation rate:	Similar to water
Flammability (solids, gases):	Not applicable
Upper/lower flammability limits:	Not flammable
Vapour pressure:	Similar to water
Vapour density	No data
Relative density	1.06
Solubility in water:	Dispersible
Solubility in other solvents:	No data
Partition coefficient (log Kow):	No data
Autoignition temperature:	No data
Decomposition temperature:	No data
Viscosity	No data
Explosive properties	Not explosive
Oxidising properties	Not oxidising

9.2 Other information

VOC Content	90 grams/litre

SECTION 10: Stability and Reactivity

10.1 Reactivity
Not expected to be dangerously reactive.

10.2 Chemical stability
Expected to be stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerisation will not occur. Avoid contact with incompatible materials (see section 10.5)

10.4 Conditions to avoid
Avoid exposure to excessive temperatures.

10.5 Incompatible materials
Avoid water-reactive materials, heat or contact with peroxides or other catalysts.

10.6 Hazardous decomposition products

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	Not expected to be acutely toxic. Accidental ingestion may cause discomfort, nausea and vomiting.
(b) skin corrosion/irritation	Not classified as irritating to skin. Prolonged exposures may cause dryness of the skin.
(c) serious eye damage/irritation	Not classified as irritating to eyes. May cause mild irritation if the product gets into the eye.
(d) respiratory/skin sensitisation	Contains no substances classified as sensitising.
(e) germ cell mutagenicity	Contains no substances classified as germ cell mutagens.
(f) carcinogenicity	Contains no substances classified as carcinogens.

(g) reproductive toxicity Contains no substances classified as reproductive toxins
(h) STOT-single exposure Contains no substances classified as causing specific target organ toxicity (STOT) on single exposure.
(i) STOT-repeated exposure Contains no substances classified as causing specific target organ toxicity (STOT) on repeated exposure.
(j) aspiration hazard Not classified as causing aspiration toxicity.

SECTION 12: Ecological Information

12.1 Toxicity
This product is not considered to be hazardous to the environment.

12.2 Persistence and degradability
The perfluoroacrylate polymer is not expected to be readily biodegradable.

12.3 Bioaccumulative potential
None of the components are expected to be bioaccumulative

12.4 Mobility in soil
The polymer is of low solubility. The organic components are miscible in water.

12.5 Results of PBT and vPvB assessment
A PBT/vPvB assessment has not been carried out. However none of the components are expected to meet these criteria.

12.6 Other adverse effects
None known.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods
Waste should be treated as hazardous chemical waste in a manner that complies with local regulations. Advice should be sought from local agencies.

The containers should be rinsed thoroughly with water and can be disposed of as non-hazardous waste.

SECTION 14: Transport Information

Not classified as hazardous for transport.

	ADR	IMDG	ICAO
14.1 UN Number	Not required	Not required	Not required
14.2 UN Proper shipping name	Not required	Not required	Not required
14.3 Transport hazard class(es)	Not required	Not required	Not required
14.4 Packing group	Not required	Not required	Not required
14.5 Environmental hazards	Not required	Not required	Not required
14.6 Special precautions for user	Not required	Not required	Not required
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
All components are listed as existing substances in Europe

15.2 Chemical Safety Assessment
A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information

Revision information:
This is the first SDS prepared in accordance with EU Regulations.

List of Abbreviations used in this SDS:
CAS Chemical Abstracts Service
CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD Dangerous Substances Directive 67/548/EEC
DPD Dangerous Preparations Directive 1999/45/EC
EC European Commnity/Commission
PBT Persistent, Bioaccumulative and Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB very Persistent, very Bioaccumulative

References:
CLP Regulation 1272/2008
EH40, 2007

Method used for classification of mixtures:
Ingredient based approaches

R Phrases and H Statements used in Section 3
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R36/38 Irritating to eyes and skin
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

Training requirements for workers
No special training requirements.