



## SAFETY DATA SHEET PROSEAL

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name PROSEAL

Product No. R602

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

**Identified uses** A water-based seal for use on vinyl, linoleum, thermoplastic, rubber, asphalt, terrazzo and other semi-porous or impoverished internal floor surfaces. Proseal provides a base-coat quality seal with a satin finish which can then be top-coated with Proshine if required.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Prochem Europe Ltd  
Oakcroft Road  
Chessington  
Surrey  
KT9 1RH  
Telephone: 020 8974 1515  
Fax: 020 8974 1511  
www.prochem.co.uk  
sales@prochem.co.uk

#### 1.4. Emergency telephone number

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 (1999/45/EEC)** Not classified.

##### **Human health**

May cause minor irritation on eye contact. Prolonged skin contact may cause temporary irritation. Ingestion may cause: irritation of mouth and throat. Limited inhalation hazard at normal work temperatures.

##### **Environment**

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

#### 2.2. Label elements

##### **Risk Phrases**

NC Not classified.

##### **Safety Phrases**

S2 Keep out of the reach of children.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.

#### 2.3. Other hazards

See section 8 for details of exposure limits.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

# PROSEAL

(2-METHOXYMETHYLETHOXY)PROPANOL		5-15%
CAS-No.: 34590-94-8	EC No.: 252-104-2	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

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**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### **Ingestion**

Immediately rinse mouth and drink plenty of water (200-300 ml). Do not give victim anything to drink if he is unconscious. Get medical attention.

#### **Skin contact**

Wash the skin immediately with soap and water.

#### **Eye contact**

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

#### **General information**

May irritate eyes and skin.

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

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials. Water spray, dry powder or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

#### **Hazardous combustion products**

This product is not flammable. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

#### **Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces. Wear rubber shoes with anti-slip soles. To prevent release, place container with damaged side up.

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

### 6.3. Methods and material for containment and cleaning up

Absorb spillage with non-combustible, absorbent material. Transfer to a container for disposal.

### 6.4. 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

Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product. Provide adequate ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

# PROSEAL

Do not store near heat sources or expose to high temperatures. Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children. Keep only in the original container.

## 7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
(2-METHOXYMETHYLETHOXY)PROPANOL	WEL	50 ppm	308 mg/m3			Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate ventilation.

#### Respiratory equipment

Not required in normal use.

#### Hand protection

Nitrile gloves are recommended. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

#### Eye protection

Side shield safety glasses are recommended when handling this product.

#### Hygiene measures

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Emulsion.
<b>Colour</b>	White.
<b>Odour</b>	Acrylic.
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range</b>	Not determined.
<b>Relative density</b>	1.01
<b>Vapour density (air=1)</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>pH-Value, Conc. Solution</b>	8.5
<b>pH-Value, Diluted Solution</b>	Not applicable.
<b>Viscosity</b>	Not determined.
<b>Odour Threshold, Lower</b>	Not determined.
<b>Odour Threshold, Upper</b>	Not determined.
<b>Flash point</b>	Not applicable.

**Auto Ignition Temperature (°C)**

Not determined.

**Flammability Limit - Lower(%)**

Not applicable.

**Flammability Limit - Upper(%)**

Not applicable.

**Partition Coefficient  
(N-Octanol/Water)**

Not determined.

**Explosive properties**

Not applicable.

**Oxidising properties**

Not applicable.

**9.2. Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

None known.

**10.2. Chemical stability**

Stable under normal temperature conditions.

**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**

Strong oxidising substances. Strong acids. Alkalis.

**10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Acute toxicity:**

Ingestion may cause: irritation of mouth and throat. Limited inhalation hazard at normal work temperatures.

**Skin Corrosion/Irritation:**

Causes mild skin irritation.

**Serious eye damage/irritation:**

May cause minor irritation on eye contact.

**Respiratory or skin sensitisation:**

None known.

**Germ cell mutagenicity:**

No effects expected based upon current data.

**Carcinogenicity:**

No effects expected based upon current data.

**Reproductive Toxicity:**

No effects expected based upon current data.

**Toxicological information on ingredients.**

# PROSEAL

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

## Acute toxicity:

Acute Toxicity (Oral LD50)

5135 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 20 mg/kg Rabbit

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecological information on ingredients.

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

LC 50, 96 Hrs, Fish mg/l

>10000

EC 50, 48 Hrs, Daphnia, mg/l

1919

IC 50, 72 Hrs, Algae, mg/l

>969

### 12.2. Persistence and degradability

#### Degradability

The product is expected to be biodegradable.

#### Ecological information on ingredients.

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Chemical Oxygen Demand

2.02

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

The product is not bioaccumulating.

#### 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 PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. 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

Proper Shipping Name

None

**14.3. Transport hazard class(es)**

None.

ADR/RID/ADN 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**

**Uk Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

**General information**

Telephone 020 8974 1515

Revision Date 30/07/2012

Revision 1

Signature Aaron Saunders

**Risk Phrases In Full**

NC Not classified.

**Hazard Statements In Full**

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.