



**Product Specification &**

**SAFETY DATA SHEET**

CHIP / EC FORMAT 91/155/EEC AMD 93/112/EC AMD 2001/58/EC

**B129**

**FLUOROSEAL® PLUS**



**SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY**

**Product Name:** FLUOROSEAL® PLUS **Product Code:** B129

**Manufacturer:** Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No: 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S

**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.

**Product Description & Directions For Use:**

Fluoroseal Plus is a high quality professional carpet protector incorporating Dupont Zonyl® Carpet Protector and a special stain block additive which helps prevent soiling and staining. Fluoroseal Plus is suitable for use on most carpets, subject to proper pre-testing and assessment.

Fluoroseal Plus is ready-to-use for all carpet types. Apply at full strength. Do not dilute with water.

**Do not use on jute, sisal, coir matting or other water sensitive fibres.**

**Before proceeding with application, treat a small inconspicuous section of the carpet with Fluoroseal Plus and allow to dry completely. Check acceptance of water repellency and any change in colour, shade or texture with customer before proceeding with application.**

**Soiled carpet** - Thoroughly vacuum, then clean with hot water extraction method. Ensure that alkaline cleaning residues are neutralised by spraying or extraction rinsing with **B109 Fibre & Fabric Rinse**.

**New carpet** - Thoroughly vacuum, then lightly dampen carpet by spraying with a solution of **B109 Fibre & Fabric Rinse** at 10ml per litre of water.

Apply Fluoroseal to carpet using a Prochem pressure sprayer fitted with 8004 fan spray tip at the rate of 30 to 50 m<sup>2</sup> per 5 litres, depending on carpet density. Spray with a light even stroke at low to medium pressure, then repeat in a crossing pattern until correct amount of solution has been applied. Brush product into carpet with a Prochem pile brush, replace furniture on protector pads and allow carpet to dry before re-use.

**Do not allow product to freeze. Flush equipment with water after use.**

**Wipe overspray immediately from wood, glass, metal and other surfaces.**

**SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Water	None assigned	None	None	More than 30%
Fluoropolymer	None assigned	None	None	5 to 15%
Citric acid	-	-	-	Less than 1%
Carboxylated polymer	-	-	-	Less than 1%

**SECTION 3: HAZARDS IDENTIFICATION**

**Classification:** Not classified as hazardous.

**Eye Contact:** Contact may cause mild eye irritation.

**Skin Contact:** Prolonged or repeated contact with liquid may cause mild irritation. Non-irritant when dry.

**Inhalation:** Exposure to fine spray mists may cause temporary irritation of the nose and throat and possible breathing difficulty.

**Ingestion:** Ingestion may cause nausea and irritation but no long term effects.

**Environment:** Raw materials are biodegradable. See Ecological Information for further details.

**SECTION 4: FIRST AID MEASURES**

**Eye Contact:** Flush immediately with water for 10 minutes, then seek medical attention if irritation persists.

**Skin Contact:** Flush skin with plenty of water. Seek medical attention if any skin irritation persists.

**Inhalation:** Get fresh air and seek medical attention if breathing is affected.

**Ingestion:** If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. Do not induce vomiting.

**SECTION 5: FIRE FIGHTING MEASURES**

**Extinguishing Media:** Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

**Fire/Explosion Hazards:** No explosive hazards.

**Decomposition Products:** Exposure to fire may liberate fluorine and unidentified thermal decomposition products from this product or its packaging.

**Special Protective Equipment:** Self contained breathing apparatus for large amounts involved in fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Protection:** Protective clothing, nitrile butyl rubber gloves, chemical splash goggles.

**Containment and Disposal:** Large spills should be treated with dry absorbent and disposed at legal waste disposal site.

Small spills can be flushed with water to sewage drain linked to waste treatment facility.

**SECTION 7: HANDLING AND STORAGE**

**Handling Precautions:** Wear nitrile butyl rubber gloves and safety glasses when handling and spraying. Ensure adequate ventilation, do not breathe spray/mist.

**Storage Precautions:** Do not allow product to freeze.

Keep out of reach of children. Keep in original container.

### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits:** Occupational exposure limits not assigned by HSE EH/40 or ACGIH.

**Environmental Controls:** For additional guidance, contact ENVIROWISE at [www.envirowise.gov.uk](http://www.envirowise.gov.uk) or telephone 0800 585794

**Eye Protection:** Side shield safety glasses are recommended when handling concentrate or during spray application.

**Protective Clothing:** Standard work clothing and nitrile butyl rubber gloves.

**Respiratory Protection:** Not normally required. In case of poor ventilation or sensitivity, a suitable mist/vapour respirator is recommended.

**Ventilation:** Normal air circulation. Allow adequate ventilation in enclosed areas.

**Hygiene:** Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Colour/State:** Low foam/milky white/liquid

**Odour:** Acrylic

**pH Concentrate:** 5 **pH Diluted:** Not applicable

**Boiling Point / Range °C:** 100

**Flash Point °C:** None **Method:** Not applicable

**Flammability Limit %:** Not applicable

**Explosive Properties:** Not applicable

**Oxidising Properties:** Not applicable

**Vapour Pressure:** Not determined

**Relative Density (Water = 1):** 1.02

**Solubility:** 100%

**Partition Coefficient (N-octanol / Water):** Not determined

**Viscosity:** Not determined

**Vapour Density:** Not determined

**Evaporation Rate:** Not determined

**% Active:** 6.77

**% Solids:** 2

### **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Extremes of temperature. Performance may be affected by freezing.

**Incompatibility (Materials to Avoid):** Contact with detergents or other chemicals will interfere with product performance but is not anticipated to cause a hazardous condition.

**Hazardous Decomposition Products:** Exposure to fire may liberate flourine and unidentified thermal decomposition products from this product or its packaging.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

**Eye Contact:** Contact with concentrate may produce mild transient irritation

**Skin Contact:** Possible irritation from prolonged or repeated contact.

**Inhalation:** No health effects expected other than possible mild respiratory irritation from atomised spray particles.

**Ingestion:** No specific toxicological effects reported, low order of toxicity. Product is mildly acidic.

**Acute and Chronic Effects:**

**Acute Toxicity:** None known.

**Corrosivity / Irritation:** Skin, eye and respiratory

**Sensitisation:** None Known

**Repeated Dose Toxicity:** Not established

**Mutagenicity:** None

**Carcinogenicity:** None

**Teratogenicity:** None

### **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** None known.

**Mobility:** Soluble in water.

**Persistence and Degradability:** The raw material ingredients in this product are biodegradable within the scope of current EC legislation. The major packaging materials of polyethylene and fibreboard are recyclable.

**Bioaccumulative Potential:** Not known.

**Other Effects:** None known or no relevant data available for substances in this preparation.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste cleaning effluent should be discharged to a sewage drain, which is linked to a local sewage and waste treatment facility. Large quantities of product for disposal should be consigned to a licensed haulier in accordance with UK and EC regulations.

Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

Contact local Environment Agency office for waste holder requirements.

### **SECTION 14: TRANSPORT INFORMATION**

**UN No:** None

**Classification:** Not classified as hazardous for transport

**Proper Shipping Name:** None

**Packing Group:** None

**Road (ADR):** None

**Sea (IMDG):** None

**Air (ICAO / IATA):** None

**Rail (RID):** None

### **SECTION 15: REGULATORY INFORMATION**

**Classification:** Not classified as hazardous.

**Risk Phrases**

None

**Safety Phrases**

S2 Keep out of reach of children.

S23 Do not breathe spray

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

S38 In case of insufficient ventilation, wear suitable respiratory equipment.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended).

This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

### **SECTION 16: OTHER INFORMATION**

**Risk Phrases:** None

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.

**Revisions:** Replaces SDS B129 Issue / Revision Date 01/06/99

Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16