



Product Specification &

SAFETY DATA SHEET

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

C503

PROSHINE



SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: PROSEAL **Product Code:** C503
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
Website: www.prochem.co.uk **Email:** sales@prochem.co.uk
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:

A high solids metallised 'dry-bright' floor finish formulated to give a long lasting deep gloss shine on vinyl, linoleum, thermo-plastic, rubber, sealed wood, cork, concrete, asphalt, terrazzo and other non-porous smooth floors coverings. Self-shining, non-buffable hard wearing seal, easily maintained with Protreat or removed with Prostrip.
 Proshine is ready-to-use. Do not dilute with water.
 Do not shake container.
 Ensure floor is clean, dry and free from all residues. Semi-porous, concrete and impoverished floors should be sealed with a base coat of Proseal or Crylceel.
 Spread Proshine evenly using a slightly damp mop or polish applicator. Apply 2 or 3 very thin coats, allowing 30-60 minutes between coats. Do not over apply.
 Coverage is approximately 250m² per 5L per coat. Allow final coat to dry completely before re-use. Do not buff floor at this stage. Periodically the floor gloss can be maintained by spray buffing with Protreat.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Ethyl diglycol	Xi R36	203-919-7	111-90-0	1 to 10%
Acrylic emulsion	R52/53	None	None	50 to 70%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Eye Contact: Contact with liquid may cause mild irritation and redness.
Skin Contact: Contact with liquid may cause mild irritation.
Inhalation: Inhalation may cause irritation of the throat.
Ingestion: Ingestion may cause irritation of mouth and throat.
Environment: Raw materials are biodegradable. See Ecological Information for further details.

SECTION 4: FIRST AID MEASURES

Eye Contact: Bathe the eye with running water for 15 minutes and then seek medical attention.
Skin Contact: Wash immediately with plenty of soap and water.
Inhalation: Move the exposed person to fresh air and seek medical attention.
Ingestion: Wash out mouth with water and seek medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use suitable extinguishing media for the surrounding fire. Use water spray to cool the containers.
Fire/Explosion Hazards: No explosion hazard.
Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, toxic fumes, water and other unidentified thermal decomposition products from this product or its packaging.
Special Protective Equipment: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear protective clothing, nitrile butyl rubber gloves, chemical splash goggles. Turn leaking containers leak side up to prevent the escape of liquid.
Containment and Disposal: Do not discharge product into drains or rivers. Contain the spillage using bunding. Absorb with dry earth or sand and transfer to suitable labelled containers for disposal at a legal waste disposal site.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Wear nitrile butyl rubber gloves and safety glasses when handling. Ensure there is sufficient ventilation of the area.
Storage Precautions: Avoid extremes of temperature. Keep out of reach of children. Store in a cool, well ventilated area and keep container tightly closed. Must be kept 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 or telephone 0800 585794
Eye Protection: Side shield safety glasses or goggles are recommended when handling concentrate.
Protective Clothing: Standard work clothing and nitrile butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.
Respiratory Protection: Not normally required.
Ventilation: Ensure sufficient ventilation of the work area.
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: White liquid

Odour: Characteristic

pH Concentrate: 8

pH Diluted: Not applicable.

Boiling Point / Range °C: Not determined

Flash Point °C: >70 **Method:** Unknown

Flammability Limit %: Not applicable

Explosive Properties: Not applicable

Oxidising Properties: Non-oxidising

Vapour Pressure: Not determined

Relative Density (Water = 1): Not determined

Solubility: 100%

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

Viscosity: Viscous

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: Not determined

% Solids: Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): Strong oxidising agents. Strong acids.

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, toxic fumes, water and other unidentified thermal decomposition products from this product or its packaging.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with eyes may cause mild irritation.

Skin Contact: May cause mild irritation.

Inhalation: May cause irritation of the throat.

Ingestion: May cause irritation of mouth and throat.

Acute and Chronic Effects:

Acute Toxicity: LD50 >2000 mg/kg (oral-rat) (ethyl diglycol);

LD50 >5000 mg/kg (oral-rat) (acrylic emulsion);

LD50 >5000 mg/kg (dermal-rabbit) (acrylic emulsion)

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: Negligible ecotoxicity.

Mobility: Soluble in water. Readily absorbed into soil.

Persistence and Degradability: Readily biodegradable. The major packaging materials of polyethylene and fibreboard are recyclable.

Bioaccumulative Potential: Does not bioaccumulate.

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

SECTION 13: DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be disposed of in accordance with regional and national requirements.

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 dangerous 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: See below

Risk Phrases

R52/53 Harmful to aquatic organism, may cause long-term adverse effects in the aquatic environment.

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.

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), **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (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: R36 Irritating to eyes. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 C503 Issue / Revision Date 01/06/99
Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.