

MATERIAL SAFETY DATA SHEET

POLYSCREED

1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY:

NAME OF PRODUCT: POLYSCREED

MANUFACTURER: Polymer Cement Systems Ltd
Kirkham Trading Park, Freckleton Road, Kirkham,
Preston, PR4 3RB

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2: COMPOSITION/INFORMATION ON INGREDIENTS:

A 2 - pack system comprising of water based polymer emulsion and a blend of aggregates which are supplied in separate containers to be mixed together at the site of application.

Liquid: Water borne copolymerisate dispersion based on Styrene and Butadiene in combination with Acrylonitrile.

	% by weight	CAS No.	Hazard	R-phrases
Composition of aggregate:				
Mineral aggregates	75 - 85%	none	none	none
Portland cement	15 - 25%	65997-15-1	Xi	R36/38

3: HAZARDS IDENTIFICATION:

Liquid: This product is not classified as Dangerous according to EC Directive 67/548/EEC.
Powder: Contains Portland cement which can cause an alkaline solution when it comes in contact with water. Irritating to eyes.

4: FIRST AID MEASURES:

Eye contact: Rinse immediately with clean fresh water, continuing for 15 minutes. Seek medical attention.
Skin contact: Remove contaminated clothing. Rinse immediately with plenty of soap and water.
Inhalation: Remove the affected person to fresh air. If problem persists seek medical advice.
Ingestion: Give plenty of water to drink. Seek medical attention. Do not induce vomiting.

5: FIRE FIGHTING MEASURES:

Special hazards: In case of fire, hazardous combustion gases are formed: Carbon Monoxide (CO)
Protective equipment: Firefighters wear self-contained breathing apparatus and protective clothing.
Extinguishing agents: Foam, dry powder, CO² or water

6: ACCIDENTAL RELEASE MEASURES:

Personal precautions: Wear full protective clothing when dealing with a spillage. When working with significant quantities ensure adequate ventilation
Environmental precautions: Prevent from entering sewer system, surface water, or soil.
Methods for cleaning up: Absorb with earth, sand or other absorbent materials. Transfer to a suitable open container for removal.

7: HANDLING AND STORAGE:

Handling: Wear impervious gloves and suitable protective clothing. Avoid inhaling directly over concentrate and dust from aggregate

Storage: Store in a cool dry place, avoid excesses of temperature, keep from freezing

8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Provide good general ventilation in the workplace. Wear suitable protective clothing.

Respiratory protection: Wear dust respirator when handling aggregate.
Hand protection: Wear impermeable gloves.
Eye protection: Goggles, face visor or safety glasses are recommended.
Skin protection: Wear suitable protective overalls.

9: PHYSICAL AND CHEMICAL PROPERTIES:

Liquid:	Appearance:	Milky White liquid.
	Odour:	Slightly Pungent.
	pH:	Range 9.0-10.0
	Boiling point:	Approx.100 degrees C (water).
	Flash point:	Not applicable.
	Vapour pressure:	Approx.24 hPa (20°C).
	Density:	Approx.1.03/cm ³ (23°C)
	Solubility in water:	Insoluble but miscible in all proportions (20°C).
Powder:	Colour:	Kharki
	Physical State:	Solid
	Solubility in water:	Insoluble in water

10: STABILITY AND REACTIVITY:

Liquid No decomposition if used as prescribed
Aggregate: Normally considered stable and inert when stored and used correctly with good natural ventilation.

11: TOXICOLOGICAL INFORMATION:

Liquid: LD50 oral, rat: >5,000 mg/kg
The product is considered to be harmless to health if used in the correct manner.
Aggregate: Irritant to skin and eyes. Repeated exposure to well above the OEL level by inhalation may produce adverse effects on the lungs.

12: ECOLOGICAL INFORMATION:

This product is not classified as Dangerous to the Environment according to EC Directive 93/21 EEC.
Prevent from entering sewer system, surface water, or soil.

13: DISPOSAL CONSIDERATIONS:

Disposal of product, solid waste and packaging should always comply with local, national or EEC regulations, and should be undertaken by an authorised contractor.

14: TRANSPORT INFORMATION:

Not classified as dangerous goods for carriage according to national and international transport regulations.

15: REGULATORY INFORMATION:

Liquid: The product does not require a hazardous label in accordance with ECC directives.
Aggregate: Hazard labels: Xi Irritant.
R36/38 Irritating to eyes and skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap and water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16: OTHER INFORMATION

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application.