

# MATERIAL SAFETY DATA SHEET

## POLYSCREED

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

**NAME OF PRODUCT:** POLYSCREED

**MANUFACTURER:** Anti Slip Solutions Ltd  
Bridge House, Riverside North, Bewdley,  
Worcestershire, DY12 1AB

**EMERGENCY TELEPHONE:** +44 (0) 1299 406 022 **FAX :** +44 (0) 1299 406 023

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### 2: 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.

**Hazard designation:**

Xi Irritant

**Information pertaining to particular dangers for man and environment:**

R36/38: Irritating to eyes and skin.

**Classification system:**

The health and environmental hazards of this preparation have been assessed by the conventional method described in annex II and III of the preparations Directive 1999/45 EC.

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### 3: 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
Fine & Standard Grade Powder				
Composition of aggregate:				
Mineral aggregates	75 - 85%	none	none	none
Portland cement	15 - 25%	65997-15-1	Xi	R36/38
Grouting Grade Powder				
Composition of aggregate:				
Mineral aggregates	40 - 60%	none	none	none
Portland cement	40 - 60%	65997-15-1	Xi	R36/38

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### 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.

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### 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, CO<sup>2</sup> or water

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**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.

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**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

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**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.

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**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 <sup>3</sup> (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

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**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.

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**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.

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**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.

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**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.

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**14: TRANSPORT INFORMATION:**

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

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**15: REGULATORY INFORMATION:**

**Designation according to EC guidelines:**

The product has been classified and labeled in accordance with EC Directives / Ordinance on Hazardous Materials (CHIP).

Liquid:                   The product does not require a hazardous label in accordance with ECC directives.

Aggregate:

**Hazard Symbol:**



**Classification:**           Xi                   Irritant

**Risk Phrases:**           R36/38:           Irritating to eyes and skin.

**Safety Phrases:**

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.

**National Regulations:**

**Regulations which may apply in event of accident:  
Control of Major Accident Hazards (COMAH)**

**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.