

Material Safety Data Sheet

1. Product and Company Identification

Product Name: **PU™ 1000**

Recommended use of the chemical: Polyurethane Grout, Water Stop

Restriction on use: Not determined

Manufacturer/Supplier/Distribution Information

Name : **POLYCELL SDN BHD**

Address: **NO. 14, JALAN PJS 1/30, TAMAN PETALING UTAMA, 46000 PETALING JAYA, SELANGOR, Malaysia**

Emergency Phone number : **Tel: +603-7783 4368, +603-7496 2788**

Fax: +603-7783 4369

2. Composition/Information on ingredients

Chemical Name	%	CAS No.
Bitumen	<60%	8052-42-4
Waterbase Polymer	<10%	--
Montimorillonite Clay	<10%	1318-93-0
Calcium Chloride	<10%	10043-52-4
Water	<30	7732-18-5

3. Health Hazard Data

First Aid Measures

Inhalation : **No irritation to eyes and respiratory passages. No injury is likely from relatively short to windburn**

Skin : **A single relatively short exposure causes no known adverse effect**

Eyes : **Rinse immediately with eye wash or clean water for at least 15 min. Contact lenses should be removed. Seek medical attentions.**

Emergency and First Aid Procedures

Inhalation : **Do not induce vomiting. Call a physician immediately**

Skin : **Wipe off and flush with water**

Eyes : **Flush immediately with water**

4. Fire-Fighting Measures

Inhalation : **No**

Skin Contact : **Wash with water and soap**

Eyes Contact : **Wash with water**

Ingestion : **Induce vomit**

Major Disease and Harm Effect : **No**

Prompt to Doctor : **Kind of resin**

5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

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Avoid contact with eyes and clothing. Wear respirator, rubber gloves.

Environment precautions and protective procedures:

Prevent entering into the sewage to cause pollution

Methods and materials for containment and cleaning up:

Absorb with absorbent material, and then shovel into container for further treatment.

Observe government regulations.

6. Precaution for Safe Handling and Storage

Handling:

Do not breathe in solvent vapor, wear protective solvent mask when using in confined area. Remove any source of ignition such as open fire, smoking and electrical equipment such as fans from work area.

Storage:

Stored in a cool and dry place, not exceeding 30°C. Away from direct sunlight.

7. Exposure Controls & Personal Protection

Appropriate engineering controls

General Ventilation	: Recommended
Ventilation	: Operate in well-ventilated area
Personal Protective Equipment Gloves	: Rubber gloves or protective gloves
Respiratory	: Wear air-supplied respirator
Eyes	: Protective goggles
Clothing	: Working clothes
Hygiene Procedures	: Wash hands after work is completed

8. Physical and Chemical Properties /Characteristics

Appearance	: Dark Brown Paste
Boiling point (°C)/Boiling Range	: 100°C
Physical state	: light yellow to brown viscous liquid
Odor Threshold	: Mild bituminous odor
Flashing point	: Not available
Flammability (solid, gas)	: None
Vapor pressure	: No available
Vapor density	: ca. 0.625
Specific density	: 1.0 - 1.1
Decomposition temperature	: No information
pH Value	: 7.0-8.0

9. Stability and Reactivity

Chemical stability	: Stable
Special Conditions of Hazardous Reaction	: Decompose at temperature over 200°C

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Condition to Avoid	: Storage temperature higher than 60°C or lower 5 °C
Incompatibility	: Strong alkalis and strong acids
Hazardous Decomposition Products	: CO, CO2 and organic vapor

10. Toxicological Information

Acute Toxicity	: No
Chronic	: Headache, dizziness
Inhalation	: Inhalation of mist may cause irritation
Long term effects	: No information

Ecological Information

Aquatic and terrestrial Eco-toxicity	: No information
Persistence and Biodegradability	: BOD: Not available COD: Not available_
Mobility in environment media	: It expects to evaporate or infiltrate in the ground when put in the soil.

11. Disposal consideration

Method of disposal: **Disposal Required in compliance with all waste management related law Stated.**

12. Transport information

IMDG (vessel)	: Not regulated
Special Transport Way and Note	: Keep away from foodstuffs, acids and alkalis. Put between 5°C and 40°C

13. Regulatory information

Danger	: Not classified as Hazardous to users
Labeling	: No specific hazardous chemical labeling is needed.

14. Other information

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