

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION OF THE COMPANY / UNDERTAKING

Product Name	ESTOP HYDROCELL
Application	Cross Linked, Non-Absorbent, Polyethylene Joint Filler
Company	Denka Construction Solution Malaysia Sdn Bhd
Address	No.18, Jalan Utas 15/7, Seksyen 15, 40200 Shah Alam, Selangor, Malaysia
Telephone	03 - 55108810 Fax : 03 - 55100708

2. HAZARDS IDENTIFICATION

GHS Classification	Non applicable under 67/548/EEC or 1999/45/EC
Symbol	No Symbol
Signal Word	No signal word
Hazard Statement	Not special hazard known as long as you take care about the notes regarding storage and processing.
Precautionary Statement	Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Nature	Polyethylene – No classified ingredients, or those having occupational exposure limits, present above the level of disclosure.
EINECS Number	n.d
CAS Number	n.d
EC-Number	n.d
UN-Number	n.d
Hazardous Ingredients	n.d

4. FIRST AID MEASURES

No specific recommendations. Rinse immediately with plenty of water. While rinsing, remove clothing not adhering to the affected area. Get medical attention.

Eyes:	Mechanical irritation only.
Skin:	Mechanical irritation only if molten material comes into contact with skin, immerse immediately in cold running water for 10 minutes. Do NOT remove adhering materials.
Inhalation:	No specific recommendations.
Ingestion:	None known

In case of any adverse reaction or continuous discomfort from any of the above exposure, seek medical professional advice.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Foam, Carbon Dioxide, Dry Powder or Water Fog.
Special Exposure Hazards:	Not relevant.
Hazardous combustion products	Does not decompose when used and stored as recommended. Carbon dioxide. Carbon monoxide. Oxides of nitrogen. Hydrocarbon.
Protective action during firefighting	No specific firefighting precautions known.
Special protective Equipment	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective clothing as describe in Section 8.
Environmental Precautions:	Avoid or minimize the creation of any environmental contamination.
Decontamination Procedures:	Not relevant.

7. HANDLING AND STORAGE

Handling	Keep away from heat, sparks and open flame. Harmful dust may be released during cutting or grinding process.
Storage	Keep away from heat, sparks and open flame.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:	No data available
Exposure Controls	No specific requirements

Individual Protection equipment

Respiratory Protection	When working in unventilated area or during operations which can generate emission of dust. Type in accordance with EN 149 FFP1 is recommended.
Hand Protection	Wear usual gloves in conformity with EN 388.
Eyes Protection	Wear goggles when working overhead. Eye protection to EN 166 is advised.
Skin protection	Cover exposed skin.
Hygiene measures	Rinse in cold water before washing.

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation on the equipment is necessary for processing operations such as cutting and grinding, to control the exposure to duct and fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine closed cell foam in black colour
Water Absorbtion	<0.01 g/cm ²
Odour	Some initially, but reduce with time.
Solubility in Water	Nil
Flash Point	Not relevant.

10. STABILITY AND REACTIVITY

Reactivity	Not significant.
Stability	Stable
Possibility of Hazardous reaction	Not relevant.
Condition to avoid	Keep at temperature not exceeding 250°C.
Incompatible materials	Strong oxidizing agents. Aromatic solvents.
Hazardous Decomposition Products:	Not relevant.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Toxicologically innocuous. In case of combustion, see section 10.
Allergization	n.a
Skin and eye irritation	Essentially non-irritating to the skin. Mechanical injury only. Skin absorption is unlikely due to physical properties.
Eye Contact	Solid or dust may cause irritation or corneal injury due to mechanical action.
Toxicity after long term exposure	n.a
Carcinogenic	n.a
Mutagenic	n.a
Reproductive toxicity	n.a
Physical Experience	n.a

12. ECOLOGICAL INFORMATION

Toxicity	Not considered toxic to fish.
Persistence and Degradability:	No data
Ecotoxicity:	Not expected to be acutely toxic to aquatic organism. With regard to bioaccumulation, there is no evidence of any significant leaching, therefore it is unlikely to contaminate ground water.
Bioaccumulative potential	No data
Mobility in soil	The product is insoluble in water.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

14. TRANSPORT INFORMATION

IATA-DGR	Not regulated for transport of dangerous good
IMDG-Code	Not regulated for transport of dangerous good
ADR/RID	Not regulated for transport of dangerous good

15. REGULATORY INFORMATION

National Regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
The chemical (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716)

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended)

16. OTHER INFORMATION

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Denka Construction Solutions Malaysia Sdn Bhd.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described to this sheet and of any precautions which should be taken. This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

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