

SAFETY DATA SHEET

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

Product Name: **ESTOFLEX PU950**
 Application: Water based Polyester-Polyurethane Waterproofing membrane.
 Company: **Denka Construction Solutions Malaysia Sdn Bhd**
 Address: No. 18, Jalan Utas 15/7, Seksyen 15, 40200 Shah Alam, Selangor
 Telephone: 03 -55108810 Fax: 03 - 55100708

2: HAZARDS IDENTIFICATION

A. Hazard Risk Classification

- Health Hazard
 - Skin Corrosion / Irritation : Category 2
 - Serious eye damage / eye irritation : Category 2
 - Skin sensitization : Category 1
 - Respiratory sensitization : Category 1

Irritating to eyes and skin. May cause sensitization by skin contact.

B. Label elements including precaution statements.

○ Symbol :



○ Signal word : Danger

○ Hazard Risk Statement

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H330 Fatal inhaled
- H370 Causes damage to respiratory organ

○ Precautionary Statement (Prevention)

- P201 Obtain special instruction before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P280 Wear Protective gloves/protective clothing/ eye protection/face protection.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.

3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Composition(s)	CAS No.	%
Polymer emulsion	903-01-4	50-60
Biocide OIT	26530-20-1	less than 0.00125
Biocide CMIT: MIT 3:1	55965-84-9	less than 0.0008
Additive		40-50

All constituents of this product are listed in EINECS (European inventory of Existing Commercial Chemical Substances) or EILINCS (European List of New Chemical Substances) or are exempt
Refer to Section 8 for Occupational Exposure Limits.

4: FIRST AID MEASURES

Eyes:	Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.
Skin:	Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Obtain medical advice if skin disorders develop.
Inhalation:	Remove from exposure. If feeling unwell obtain medical attention.
Ingestion:	Obtain medical attention. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

5: FIRE FIGHTING MEASURES

Flash Point	: Non combustible
Flammable limit	: NA
Extinguishing Media	: General extinguishing media foam, CO2, Dry chemical, water fog
Special Fire Fighting Procedure	: None

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste.

7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact. Maintain good standards of personal hygiene. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Keep containers dry and tightly closed.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits	: None assigned.
Engineering Control Measures	: No specific ventilation requirement noted.
Personal Protective Equipment	: Impervious gloves (eg PVC). Safety glasses / Goggles. Plastic apron. Change contaminated clothing and clean before re-use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid Emulsion
Colour:	Grey
Odour:	Characteristic
Boiling Point/Range (°C):	Not determined.
Flash Point (closed, °C):	NA
Autoflammability (°C):	NA
Explosive Properties (%):	NA
Vapour Pressure (kPa at 20°C):	Not determined
Specific Gravity:	approx 1.3 to 1.5
Vapour Density:	Not determined.
Solid Content (%):	60

10: STABILITY AND REACTIVITY

Stability:	Stable at normal temperature
Conditions to Avoid:	None known.
Materials to Avoid:	None known.
Hazardous Decomposition Products:	None known in normal condition.

11: TOXICOLOGICAL INFORMATION

This product is not considered a carcinogen

12: ECOLOGICAL INFORMATION

Environmental Assessment:	This product is not known as biodegradable
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13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.	
Unused Product:	Dispose of through an authorized waste contractor to a licensed site.
Used/Contaminated Product:	As for Unused product.
Packaging:	Must be disposed of through an authorized waste contractor.

14: TRANSPORT INFORMATION

IATA-DGR	Not dangerous goods
IMDG-Code	Not dangerous goods

This product is NOT classified as dangerous for transport

15: REGULATORY INFORMATION

Not classified as dangerous under current regulation.

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 in 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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