

SAFETY DATA SHEET

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

Product Name: **ESTOFLEX DYMERIC**
Application: Decorative, Elastometric and UV Resistance Waterproofing
Company: Denka Construction Solutions Malaysia sdn Bhd
Address: No. 18, Jalan Utas 15/7, Seksyen 15, 40200 Shah Alam, Selangor, Malaysia
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2. HAZARD IDENTIFICATION

A. Hazard Risk Classification

- Health Hazard
Skin Corrosion / Irritation: Category 1
Serious Eye Damage / Eye Irritation: Category 1

B. Label elements including precaution statements.

- Symbol:



- Signal word: Warning
- Hazard Risk Statement
H315 Cause skin irritation.
H319 Causes serious eye irritation.
- 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.

(Response)

P332 + P313 If skin irritation occurs. Get medical advice / attention.
P333 + P313 If skin irritation or rash occurs. Get medical advice / attention.
P337 + P313 If eye irritation persists: Get medical advice / attention.

(Storage)

P403 + P233 Store in a well - ventilated place. Keep container tightly closed
P405 Store locked up

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas no	%
Acrylic	25852-37-3	45-50
Additives	25322-69-4	10-15
Calcium Carbonate	471-34-1	30-40

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 of quantity of water for several times. Obtain medical attention immediately.
Skin:	Wash thoroughly with soap.
Inhalation:	Obtain medical advice if skin disorders develop.
Ingestion:	Remove from exposure – unlikely to occur
	Wash out mouth with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide, powder, foam or water.
Special Exposure Hazards:	Irritant fumes.
Special Protective Equipment:	Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye / face protection.
Environmental Precautions:	Prevent entry into drain, sewers and water courses.
Decontamination Procedures:	Avoid the creation of dust in atmosphere. Gather into containers. Residues may be flushed to drain with large volumes of water. Prior consent must be obtained from local Water Company if discharged into sewer.

7. HANDLING AND STORAGE

Handling:	Avoids skin and eye contact.
Storage:	Store in cool, dry area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits: None assigned

Engineering Control Measures:	No specific ventilation required.
Personal Protective Equipment:	Imperious gloves (eg PVC). Safety glasses / goggles. Approved dust mask. Wear imperious, chemical resistant boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste
Colour	Various
Odour	Slight / Faint
pH (working dilution)	Neutral
Boiling Point / Range (°C)	Approx 100
Flash Point (closed °C)	Not applicable
Autoflammability (°C)	Autoignition temperature : 500
Relative Density (at 20 °C)	1.18 – 1.23
Water Solubility	Soluble

10. STABILITY AND REACTIVITY

Stability:	Stable
Condition to avoid:	Temperature below 5 °C
Material to avoid:	Strong acid. Strong oxidising agents.
Hazardous Decomposition Product:	Thermal decomposition via carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Health Effects

On eyes:	May cause transient irritation.
On skin:	Unlikely to irritate on brief or occasional exposure.
By inhalation:	Low volatility makes inhalation unlikely at ambient temperature.
By ingestion:	Low order of acute toxicity. May cause mouth, throat and digestive tract.
Chronic:	None.

12. ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed as intended, no adverse environment effects are foreseen.
Mobility:	Insoluble in water.
Persistence & Degradability:	Not known.
Bio-accumulated Potential:	Not expected to be bioaccumulative.
Ecotoxicity:	Not expected to be ecotoxic to fish / daphnia / algea.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose of in an approved manner.
Used / Contaminated Product:	As for unused product.
Packaging:	The method of disposal must be acceptable to the local authority.

14. TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15. REGULATORY INFORMATION

Hazard Label Data

This product is NOT classified as dangerous for supply.

Symbols (s):

EC Directives: Dangerous Preparation Directive, 88/379/EEC
Dangerous Substance Directive, 67/548/EEC and adaptations
Safety Data Sheet Directive, 91/155/EEC
Safety Framework Directive, 89/391/EEC

Statutory Instruments: Chemical (Hazard Information and Packaging for Supply) (Amendment) Regs. 1993 (SI 1746)
Control of Substances Hazardous to Health Regs. 1988 (SI657)
Environmental Protection (Duty of Care) Regs. 1991(SI2839)

Codes of Practice: Waste Management. The Duty of Care.

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 than for the stated application or applications without seeking advice from Denka Construction Solutions Malaysia Sdn Bhd.

If this product has been purchased 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 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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