

SAFETY DATA SHEET

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

Product Name: **ESTOPROOF 30**
 Application: Waterproofing sheet 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

The product is not hazardous to health in normal use.
 If burning, melted product adheres to skin and cause burns.
 During freezing weather conditions the surface of the membrane may become slippery to foot traffic.

GHS Label Requirements : Not required

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	%
Polyethylene co-polymer	9002-88-4	80 - 85
Inert Filler	471-34-1	10 - 20
HALS UV stabilizer	52829-07-9	1 - 5

4: FIRST AID MEASURES

Eyes / Skin : Not applicable under normal working conditions. In the event of contact with molten product e.g. in a fire, immediately cool affected areas and irrigate thoroughly with clean cold water. Do not remove molten product from the skin. Seek medical attention.

Inhalation: Not applicable under normal working conditions. In the event of a fire, remove to fresh air and seek medical attention if necessary.

Ingestion: Ingestion unlikely. If significant irritation or discomfort occurs, seek medical attention

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media : Use foam, carbon dioxide, dry powder, sand or earth
 Unsuitable Extinguishing Media : Do NOT use water.
 Special Hazard in fire : Fire will produce smoke. Decomposition products may be hazard to health. Burning can be accompanied by the release of molten flaming droplets that could ignite adjacent flammable material.

Special Protective Equipment : In confined spaces, fire fighters should wear self-contained breathing apparatus and protective clothing

6: ACCIDENTAL RELEASE MEASURES

No environmental threat is expected from a release

7: HANDLING AND STORAGE

Handling:	Employ safe lifting procedures when handling rolls
Storage:	Store under cover away from sources of heat and ignition

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control : Not applicable

Personal Protection Equipment

Foot Protection	: Wear safety shoes when handling rolls
Hand Protection	: Wear heavy duty gloves to protect against skin abrasion or cuts.
Hygiene measures	: Good hygiene measure should be followed at all times

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Appearance	Solid sheet membrane
Colour	Orange
Odour:	Slight / Faint
pH	Not Applicable
Flash Point (closed, °C):	NA
Water solubility	Insoluble

10: STABILITY AND REACTIVITY

Stability	Stable under normal handling and storage conditions
Conditions to avoid	None known
Materials to avoid	None known
Hazardous decomposition products	Thermal decomposition: Smoke, Carbon Monoxide, Carbon Dioxide

11: TOXICOLOGICAL INFORMATION

No known hazard

12: ECOLOGICAL INFORMATION

The product is not biologically decomposable. It degrades under prolonged ultraviolet exposure. It floats on water and is insoluble in water. No bioaccumulation known. The product is non-toxic.

13: DISPOSAL CONSIDERATIONS

The product is clarified as equivalent to municipal waste. It can be reused or recycled. Dispose of waste material in accordance with national and local regulations.

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

According to the EEC Directives, the product does not require classification and labelling.

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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