

SAFETY DATA SHEET

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

Product Name: **ESTOPROOF PRIMER W**
Application: Bitumen Primer for Waterproofing Sheet Membranes
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
Serious Eye Damage / Eye Irritation: Category 2
Skin Sensitization: Category 1
Hazardous to Aquatic Environment: Category 2

B. Label elements including precaution statements.

- Symbol:



- Signal word: Warning
- Hazard Risk Statement
H315 Cause skin irritation.
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H412 Harmful to aquatic life with long lasting effects
- Precautionary Statement
(Prevention)
P201 Obtain special instruction before use.
P264 Wash your handling region thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required

(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

Ingredient	CAS No.	Content, %
Bitumen	64742-93-4	40 – 60
Water	7732-18-5	40 – 60

4. FIRST AID MEASURES

Eyes:	Irrigate thoroughly with plenty of water for at least 10 minutes. Seek medical attention if soreness or redness persists
Skin:	Flush with running water for 10 minutes No attempt should be made to remove firmly adhering bitumen from skin Seek medical attention if soreness or redness persists
Inhalation:	Remove to fresh air If symptoms are severe or persistent, seek medical attention
Ingestion:	Wash out mouth with water. Do NOT induce vomiting. Seek medical attention immediately if any material enters the lungs during swallowing or vomiting

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	None, not flammable
Special Exposure Hazard	None
Special Protective Equipment:	None

6. ACCIDENTAL RELEASE MEASURES

Protective Measure	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drain, sewer, 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 contact with eyes and skin
Storage:	Store in cool, dry area at temperature between 5 - 30°C

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits:	Not Assigned
Appropriate engineering controls:	No specific ventilation requirement noted
Personal Protective Equipment	Avoid contact with skin and eye. Wear impervious gloves, in case of repeated or prolonged contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Dark brown
Odour	Typical
pH (concentration)	9.0-11.0
Boiling Point / Range (°C)	100
Relative Density (g/cm ³)	0.99-1.03
Flash Point (closed °C)	N/A
Water Solubility	Emulsifiable

10. STABILITY AND REACTIVITY

Stability:	Stable
Condition to avoid:	Temperature below 2°C and temperature above 80°C
Material to avoid:	Strong Acids
Hazardous Decomposition Product:	Sulphur compound including hydrogen sulphide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	
LD50 (Oral, rat)	>5000mg/kg
LD50 (Dermal, Rabbit)	>2000mg/kg
LD50 (Inhalation, rat)	>10000mg/kg
On skin:	Unlikely to irritate on brief or occasional exposure.
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion:	Low order of acute toxicity.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

12. ECOLOGICAL INFORMATION

Environmental Assessment Effects:	When used and disposal of as intended, no adverse environmental are foreseen
Mobility:	Emulsifiable in water
Persistent & Degradability:	Not readily biodegradable
Bioaccumulative Potential:	Not expected to be bioaccumulative.
Ecotoxicity:	Expected to be ecotoxic to fish / daphnia / algae

13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible
Waste in small quantities should not be poured into drains, sewer or watercourse for disposal
The material when mixed properly and cured at proper mix ration may be safely landfilled
Waste disposal method in accordance with all applicable local, national environment laws

14. TRANSPORT INFORMATION

UNRTDG	Not classified as dangerous for transport.
IATA – DGR	Not classified as dangerous for transport.
IMDG – Code	Not classified as dangerous for transport.

15. REGULATORY INFORMATION

Risk/Safety phrases
Not classified as dangerous under current EC criteria.

R38	Irritating to the skin
R43	May cause sensitization by skin contact
S24/25	Avoid contact with skin and eyes
S27	Remove all contaminated clothing immediately
S28	Wash with detergent upon contact with skin immediately
S37/38/39	Wear suitable protective clothing, gloves, and eye/face protection

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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