

SAFETY DATA SHEET

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

Product Name: **ESTOBOND ACRYL**
Application: Acrylic Primer
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 2
 - Serious eye damage / eye irritation: Category 2A
 - Skin sensitization: Category 1A

B. Label elements including precaution statements.

- Symbol:



- Signal word: Warning
- Hazard Risk Statement
 - H315 Causes skin irritation
 - H319 Causes serious eye irritation
 - H317 May cause an allergic skin reaction
- Precautionary Statement (Prevention)
 - P262 Do not get in eyes, on skin, or on clothing.
 - P264 Wash hands thoroughly after handling
 - P272 Contaminated work clothing should not be allowed out of the workplace
 - P280 Wear protective gloves/protective clothing/eye protection/face protection

(Response)

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention
P362+ P364 Take off contaminated clothing and wash it before reuse

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

(Disposal)

P501 Dispose of contents / container in accordance with applicable local regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Content, %
Acrylic Polymer	N/A	~ 47.5
Water	7732-18-5	~ 52.5

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:	Immediately flush with gentle stream of water. Seek medical attention if irritation develops or persists.
Skin:	In case of contact, immediately wash with soap and water.
Inhalation:	Inhalation is not an expected route of exposure
Ingestion:	Immediately rinse mouth with water. If swallowed, do not induce vomiting and seek medical attention

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, foam, carbon dioxide, any dry chemicals.
Special Exposure Hazards:	Emulsion will not burn until water has evaporated
Special Protective Equipment:	Use water spray to cool fire exposed surfaces, protect personnel, and extinguish the fire

6. ACCIDENTAL RELEASE MEASURES

Land Spill	Major spills should be collected for disposal. Minor spills may be flushed to sewer if local regulations permit
Water Spill	Recover the spilled material and place in suitable containers for disposal

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Wash thoroughly with soap and water after handling
Storage: Store in well-ventilated. Keep container when not in used

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection: For normal operation, no respiratory protection required
Hand protection: Rubber glove or protective gloves
Eye Protection: Protective goggles / safety glasses
Body Protection: Protect arms and body from splashes of emulsion

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	White Emulsion
Odour	Mild
Solubility in water	Soluble
Boiling Point / Range (°C)	100
Freezing Point (°C)	0
Vapour Pressure (mm of Hg @ 20°C)	17.5 mm Hg
Percentage Volatiles, %	52.5
Vapour Density	<1
Relative Density, kg/L	1.06

10. STABILITY AND REACTIVITY

Stability: Stable
Material to avoid: None
Hazardous Decomposition Product: When water evaporates, polymer can burn and produce carbon monoxide, carbon dioxide and others products of combustion

11. TOXICOLOGICAL INFORMATION

A- Acute Effect No Information Available
B- Chronic Effect No Information Available

12. ECOLOGICAL INFORMATION

Biodegradability : No information
Ecotoxicity and bioaccumulation : No information

13. DISPOSAL CONSIDERATIONS

Disposal method should be in accordance with all applicable national environmental laws and regulation

14. TRANSPORT INFORMATION

Land Transport (US DOT) : Not classified as dangerous good under transport regulation
Sea Transport (IMDG) : Not classified as dangerous good under transport regulation
Air Transport (IATA/ ICAO) : Not classified as dangerous good under transport regulation

15. REGULATORY INFORMATION

Classification and Labelling : Not regulated
Governing Directive : Occupational Safety and Health, Regulation 2013

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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