

SAFETY DATA SHEET

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

Product Name: **ESTOCURE WB**
 Application: Concrete curing compound
 Company: **Denka Construction Solutions Malaysia Sdn Bhd**
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2: HAZARDS IDENTIFICATION

A. Hazard Risk Classification

- Health Hazard
 Acute toxicity:
 Dermal: Category 5
 Skin corrosion / irritation: Category 2
 Serious eye damage / eye irritation: Category 2A
 Skin sensitization: Category 1

B. Label elements including precaution statements.

- Symbol:



- Signal word: Warning
- Hazard Risk Statement
 H313 Maybe harmful in contact with skin
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation
- 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.

P312 Call a POISON CENTER or doctor/physician if you feel unwell

(Disposal)

P501 Dispose of contents / container in accordance with applicable law

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Content, %
Polyvinyl Acetate Emulsion	9003-20-7	20-30
Water	7732-18-5	70-80

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

4: FIRST AID MEASURES

Description of first aid measure,

Eyes:	Irrigate thoroughly with plenty of water for at least 10 minutes. Seek medical attention if soreness or redness persists.
Skin:	Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Seek medical attention if soreness or redness persists.
Inhalation:	Remove to fresh air. If symptoms are severe or persistent, seek medical attention.
Indigestion:	Wash out mouth with water. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	: Carbon dioxide, powder foam or waterfog – Do not use water jets.
Unusual Fire/Explosion Hazards	: None.
Protective Equipment for Firefighters	: Self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	: Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions	: Prevent from spreading or entering drains, sewers and water course.
Decontamination Procedures	: Recover the product for re-use if possible, or for elimination. The product might where appropriate, be absorbed by inert material. Wash with water.

7: HANDLING AND STORAGE

Handling:	Wear suitable protective clothing. Use only in well ventilated areas. Avoid breathing spray mist. Avoid skin and eye contact.
Storage:	Keep container closed. In order to maintain the performance of the product, Precaution must be taken to prevent the ingress of water/or dirt into the product

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Not Assigned
Appropriate engineering controls:	Use in well ventilated areas.
Personal Protective Equipment:	Wear approved chemical safety glasses or goggles and suitable respiratory protective equipment when mist occur during spraying operations.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Milky white
Odour	Slight/faint
pH (concentration)	7.0-7.5
Boiling Point / Range (°C)	100
Relative Density @ 25°C (g/cm ³)	1.02-1.05
Vapour Pressure (kPa @ 20°C)	2.3 (water)
Water Solubility	Partially Soluble

10: STABILITY AND REACTIVITY

Stability:	Stable
Material to avoid:	Oxides of carbon
Hazardous Decomposition Product:	Stable under normal conditions

11: TOXICOLOGICAL INFORMATION

Acute toxicity:	Not Available
On skin:	Repeated and prolonged contact may cause slight irritation.
By Inhalation:	Not an inhalation hazard under normal condition of use and at room temperature.
Eye Irritation Acute:	Repeated and prolonged contacts may cause irritation and redness.

12: ECOLOGICAL INFORMATION

Use according to criteria of good industrial practice, avoiding product dispersion in the environment.

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 ratio may be safely landfilled
 Waste disposal method in accordance with all applicable local, national environment laws

14: TRANSPORT INFORMATION

Road (ADR) Class	: Not Regulated
Rail (RID) Class	: Not Regulated
Air (IOTA) Class	: Not Regulated
Sea (IMDG) Class	: Not Regulated

This product is NOT classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

Not classified as dangerous for supply.

Safety Phrases:	Avoid in contact with skin and eyes. Wear suitable gloves and eye/face protection. Use in well ventilated areas.
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EC Directives:	Dangerous Preparations Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC. Dangerous Substance Directive, 67/548/EEC and adaptations.
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Statutory Instruments:	Health and Safety at Work , etc. Act 1974. Chemicals (Hazard Information and Packaging for Supply) (Amendment). Regs. 1996 (SI 1092) Control of Substances Hazardous to Health Regs. 1994 (SI 3246) Environmental Protection Act 1990.
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Codes of Practice:	Waste Management. The Duty of Care.
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Guidance Notes:	Occupational exposure limits (EH 40).
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The above publications are available from HMSO.

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.

SDS: Estocure WB

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