

SAFETY DATA SHEET

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

Product Name: **Estopatch SRF**
Application: **Concrete Surface Repair Filler**
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

Type of product: Mixture

A. Hazard Risk Classification

- Not classified for physical or health hazard under GHS

B. Label elements including precaution statements.

- Symbol: No symbol required

- Precautionary Statement

(Prevention)

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash your handling region thoroughly after handling.

P270 Do not eat, drink, or smoke when using this product.

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Content, %
Calcium Carbonate	471-34-1	~ 100

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

Description of first aid measure,

- General Advice: Move out of the dangerous area. Consults a physician. Show this safety data sheet to the doctor in attendance.
- Eyes: Protect unexposed eye. Rinse / flush exposed eye gently using water for 15-20 minutes. Remove contact lenses if able to do so during rinsing. Seek medical attention if irritation persist or if concerned.
- Skin: Rinse / flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists. Obtain medical advice if skin disorders develop.
- Inhalation: Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical assistance if cough or other symptoms appear.
- Ingestion: Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort, or vomiting persists. Never give anything by mouth to an unconscious person.

5: FIRE FIGHTING MEASURES

- Suitable Extinguishing Media: Carbon dioxide, powder, foam, or water fog – Do not use water jets.
- Special Exposure Hazards: Combustion products may include carbon dioxide or other toxic vapours. Thermal decomposition can lead to release of irritating gases and vapours.
- Special Protective Equipment: Use NIOSH approved respiratory protection / breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions: Wear suitable protective clothing, gloves, and eye/face protection.
- Environmental Precautions: Prevent entry into drains, sewers, and water courses.
- Decontamination Procedures: Keep in suitable closed container for disposal. Wear protective eye wear, gloves, and clothing. Refer to Section 8. Always obey local regulations. Dust deposits should not be allowed to accumulate on surface, as there may form an explosive mixture if they are released into the atmosphere I sufficient concentration. Avoid dispersal of dust in the air. Collect solids in powder form using vacuum with (HEPA filter). Evacuate personnel to safe areas.

7: HANDLING AND STORAGE

Handling:	Minimize dust generation and accumulation. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Do not eat, drink, smoke or use personal products when handling chemical substances. Avoid contact with eyes, skin, and clothing.
Storage:	Store away from incompatible materials. Protect from freezing and physical damage. Keep away from food and beverages. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flames. Store in cool, dry conditions in well-sealed containers.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:	OSHA PEL TWA (Total Dust) 15 mg/m ³ (50 mppcf*) ACGIH TLV TWA (Inhalable particles) 10 mg/m ³ 471-34-1. NIOSH REL: TWA 10 mg/m ³ (Total) TWA 5 mg/m ³ (resp)
Appropriate Engineering control:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use/handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors or dusts (total/respirable) below the applicable workplace exposure limits indicated above. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust handling system is designed in a manner to prevent the escape of dust into work area. Use under a fume hood.
Respiratory protection:	Not required under normal condition use. Where risk assessment shows air purifying respirators are appropriate use a full-face particle respirator type N100 or type P3 respirator cartridges as a backup to engineering controls.
Protection skin:	Select glove material impermeable and resistant to the substance. Avoid skin contact with used gloves. Wear protective clothing.
Eye protection:	Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH. Safety glasses or goggles are appropriate eye protection.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	White powder
Colour:	White
Odour:	Not determined
pH(concentrate):	8.0
Boiling Point/Range (°C):	Not determined.
Flash Point (closed, °C):	Not determined.
Explosive Properties (%):	Not determined
Vapour Pressure (kPa at 20°C):	Not determined
Density (kg/L):	Not determined.

10: STABILITY AND REACTIVITY

Possibility of hazardous reaction: None under normal processing.

Conditions to Avoid: Incompatible material.

Incompatible materials: Strong acids. Strong bases. Oxidizing agents.

Reactivity: Nonreactive under normal conditions.

Chemical stability: Stable under normal conditions

11: TOXICOLOGICAL INFORMATION

Acute toxicity: Oral – LD₅₀ Rat 6450 mg/kg

Chronic toxicity: No additional information

Corrosion irritation: No additional information

Sensitization: No additional information

Carcinogenicity: No additional information

Mutagenicity: No additional information

Reproductive toxicity: No additional information

12: ECOLOGICAL INFORMATION

Persistence and degradability: No further relevant information available

Bio accumulative potential: No further relevant information available

Mobility in soil: No further relevant information available

Other adverse effects: No further relevant information available

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused / Used Product: Dispose of through authorised waste contractor to a licensed site.

Packaging: Must be disposed of through an authorised waste contractor.

14: TRANSPORT INFORMATION

UN Number: Not regulated.

UN Proper shipping name: Not regulated.

Transport hazard class: Not regulated.

15: REGULATORY INFORMATION

Not classified as dangerous good.

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 user's own assessment of workplace risk, as required by other health and safety legislation.

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