

# SAFETY DATA SHEET

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

Product Name: **Estopatch RSR – Part A**  
 Application: Liquid part for Polymer Modified Fast Setting Patching Material for Pavement Repair  
 Company: **Denka Construction Solutions Malaysia Sdn Bhd**  
 Address: No. 18, Jalan Utas 15/7, Seksyen 15, 40200 Shah Alam,  
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## 2: HAZARDS IDENTIFICATION

### GHS label elements

Hazard pictograms: Not applicable  
 Signal word: Not applicable  
 Hazard statement: Not applicable  
 Precautionary statement: Not applicable  
 Storage: Not applicable  
 Disposal: Not applicable

Other hazards which do not result in classification:

When heated, the vapours/fumes given off may cause respiratory tract irritant.

## 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Content, %
Ethylene-vinyl acetate polymer	Trade secret	40-60
Water	7732-18-5	40-60

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,

Eyes: Do not rub eyes. Hold eyelids apart. Rinse with water as soon as possible and rinse cautiously for several minutes. Remove contact lenses, if present and easy to do. Continues rinsing. Get immediate medical advice/attention.

Skin: Gently wash with plenty of soap and water. Remove immediately contaminated clothing and shoes. If skin irritation or rash occurs, get medical advice/attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention

Ingestion: Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.

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## 5: FIRE FIGHTING MEASURES

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Suitable Extinguishing Media: Dry chemical powder, foam, carbon dioxide, dry sand, alcohol-resistant foam

Unsuitable Extinguishing Media: Straight streams

Specific hazard during firefighting: The combustion gas may contain an irritating, corrosive and/or toxic gas. Harmful gases may be released by fire and may cause dizziness, suffocation, or other health hazard.

Special protective equipment: Wear regional, national and local standards approved fire-fighting turnout gear and positive pressure self-contained breathing apparatus. Wear flame-resistant or fireproof clothes, with face shield, helmet and gloves.

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## 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection. Evacuate people who are downwind, and keep upwind while working. Remove immediately all ignition sources nearby. Eliminate all ignition sources such as heat/sparks/open flames/hot surfaces/static discharges.

Environmental Precautions: Do not release the product to the environment. Form a dike to prevent the leakage from flowing into waterways.

Containment and cleaning up: Collect the leakage promptly. Dike far ahead of liquid spill for later disposal. Absorb remaining liquid in dry earth, sand or other non-combustible material and remove to safe place. Use explosion-proof electrical/ventilation/lighting/equipment. Eliminate all ignition sources such as heat/sparks/open flames/hot surfaces/static discharges. Consult with and expert when collecting the leakage. Collect leakage after taking for safe handling.

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## 7: HANDLING AND STORAGE

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Handling: Keep away from incompatible materials.

Storage: Keep in a fire-proof designed place. Store under controlled lighting and appropriate ventilation. Take precautionary measures against static electricity. Store in a well-ventilated place. Protect from freezing and direct sunlight. Keep container tightly closed. Store in a well-ventilated cool place (5°C~30°C)

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## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Control Measures: Use a local and/or general ventilation system with absorber. Provide facilities to wash hands, eyes and the body at the working place.

Personal Protective Equipment: Impervious gloves (eg PVC). Safety glasses / Goggles. Plastic apron. Change contaminated clothing and clean before re-use.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State:	Liquid.
Colour:	Milky White
Odour:	Slight odor
pH(concentrate):	Not determined
Boiling Point/Range (°C):	No data available
Flash Point (closed, °C):	No data available
Explosive Properties (%):	No data available
Vapour Pressure (kPa at 20°C):	No data available
Specific Gravity (kg/L):	1.0 – 1.1
Water Solubility:	Dispersion is dilutable

## 10: STABILITY AND REACTIVITY

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Possibility of hazardous reaction	Mist may form an explosive mixture with air regardless of temperature. All ignition sources. Strong bases, strong acids, strong oxidizing agents.
Chemical stability	Stable at normal ambient conditions of temperature and pressure.
Conditions to Avoid:	Open flame and all ignition sources
Incompatible materials:	Strong oxidizing agents. Strong acid and bases.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, hydrocarbons, ammonia, nitrogen oxides, Sulphur oxides, may generate fine particles containing inorganic components.

## 11: TOXICOLOGICAL INFORMATION

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Acute Toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available

## 12: ECOLOGICAL INFORMATION

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Eco-toxicity:	No data available
Persistence and degradability	No data available
Bio-accumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects	Regulation: UNEP (Not listed to the Montreal Protocol)

## 13: DISPOSAL CONSIDERATIONS

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Disposal of contents/container appropriately in accordance with local/regional/national/international regulations.

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## 14: TRANSPORT INFORMATION

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This product is NOT classified as dangerous for transport.

UNRTDG	Not regulated as a dangerous good
IATA-DGR	Not regulated as a dangerous good
IMDG-Code	Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code – Not applicable

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## 15: REGULATORY INFORMATION

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Occupational Safety and Health Act 1994.  
Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulation 2013

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## 16: OTHER INFORMATION

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Also refer to the Safety Data Sheet (s) for information on other components of this product. 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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