

# SAFETY DATA SHEET

---

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

---

Product Name: **ESTOPRIME WB134 – BASE**  
Application: Base component of two part water based epoxy primer.  
Company: **Denka Construction Solutions Sdn Bhd**  
Address: No.18, Jalan Utas 15/7, Seksyen 15, 40200 Shah Alam, Selangor  
Telephone: 603 – 55108810      Fax : 603 – 55100708

---

## 2: HAZARDS IDENTIFICATION

---

Hazard Symbol:



Irritating to eyes and skin.  
May cause sensitization by skin contact.

---

## 3: COMPOSITION/INFORMATION ON INGREDIENTS

---

Ingredient	CAS Number	%
Epoxy Resin	25068-38-6	50 – 70
Water	7732-18-5	40 – 60

---

## 4: FIRST AID MEASURES

---

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.  
Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Obtain medical advice if skin disorders develop.  
Inhalation: Remove from exposure.  
Ingestion: Obtain medical attention. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

---

## 5: FIRE FIGHTING MEASURES

---

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets.  
Special Exposure Hazards: Toxic fumes. For further information see Section 10.  
Special Protective Equipment: Self-contained 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:	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:	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Keep containers dry and tightly closed.

---

## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

Occupational Exposure Limits:-	None assigned.
Engineering Control Measures:	No specific ventilation requirement noted.
Personal Protective Equipment:	Impervious gloves (eg PVC). Safety glasses / Goggles. Change contaminated clothing and clean before re-use.

---

## 9: PHYSICAL AND CHEMICAL PROPERTIES

---

Physical State:	Liquid.
Colour:	Straw.
Odour:	Mild.
pH(concentrate):	Not applicable (non-aqueous).
Boiling Point/Range (°C):	> 200
Flash Point (closed, °C):	>200
Autoflammability (°C):	Not determined.
Explosive Properties (%):	Not known.
Vapour Pressure (kPa at 20°C):	0.001
Relative Density (at 20°C):	1.12
Water Solubility:	Insoluble.
Fat Solubility:	Not determined.

---

## 10: STABILITY AND REACTIVITY

---

Stability:	Stable: reacts with compounds containing amino, hydroxyl or carboxyl groups to give stable, cross linked materials.
Conditions to Avoid:	None known.
Materials to Avoid:	Strong acids. Strong alkalis. Strong oxidising agents.
Hazardous Decomposition Products:	Thermal decomposition:- Oxides of carbon. Irritant fumes.

---

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.  
Expected oral LD50, rat > 2g/kg.

Classified as a skin sensitisier.

### Health Effects

On Eyes:	Causes transient irritation.
On Skin:	Irritation. May cause sensitisation.
By Inhalation:	May cause respiratory irritation.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

---

## 12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility: Mobile liquid.	Insoluble in water
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	Has the potential to bioaccumulate.
Ecotoxicity:	Ecotoxic to fish/daphnia/algae.

---

## 13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose of through an authorised waste contractor to a licensed site.
Used/Contaminated Product:	As for Unused product.
Packaging:	Must be disposed of through an authorised waste contractor.

---

## 14: TRANSPORT INFORMATION

UN Number:	3082		
IMO:	Class: 9	Packing Group:	III
ADR:	Class: 9	Item:	11(c)
Transport Name:	Environmentally hazardous substance, liquid, nos (Epoxy Resin)		
Hazchem/Kemler	Code: 90		

---

## 15: REGULATORY INFORMATION

<b>Hazard Label Data:</b>	Named
Ingredients:	epoxy resin (number average molecular weight <700).
UN Number:	3082
Symbol(s):	Xi
Risk Phrases:	Irritating to eyes and skin. May cause sensitisation by skin contact
Safety Phrases:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Wear suitable gloves and eye/face protection. Contains epoxy constituents. See information supplied by the manufacturer.

EC Directives:	Dangerous Substances Directive, 67/548/EEC and adaptations. Dangerous Preparations Directive, 88/379/EEC.
Statutory Instruments:	Safety Data Sheets Directive, 91/155/EEC. Chemicals (Hazard Information and Packaging for Supply)(Amendment) Regs. 1996 (SI 1092). Control of Substances Hazardous to Health Regs. 1994(SI3246). Health & Safety at Work, etc. Act 1974. Environmental Protection Act 1990.
Codes of Practice:	Waste Management. The Duty of Care.
Guidance Notes:	
Occupational skin diseases:	Health and safety precautions (EH 26). Storage of packaged dangerous substances [HS(G)71]. 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 other than for the stated application or applications without seeking advice from Denka Construction Solutions Sdn Bhd.

If this product has been purchased for supply 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 the 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 in 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** : Estoprime WB134 - Base  
**Date Issue** : 10/07/2023  
**Revision** : 02



Denka Construction Solutions Malaysia Sdn Bhd  
(591858-U)  
No. 18, Jalan Utas 15/7, Seksyen 15,  
40200 Shah Alam, Selangor Darul Ehsan, Malaysia  
Tel: +603 5510 8810 Fax: +603 5518 8202  
[www.denka-cs.com](http://www.denka-cs.com)

## Limitation of Liability

The information contained in this brochure provides general advice for potential customers for DENKA about the basic properties and characteristics of various DENKA products (hereafter known as "the Product Information"). DENKA makes no warranty or representation as to the entire accuracy or completeness of the Product Information in the brochure. Nothing in this brochure will be deemed to create any express or implied warranty of merchantability, fitness for a particular purpose or infringement of any intellectual property rights. Each user of the Product Information and DENKA products assumes their own responsibility to properly determine the manner and suitability of use of the Product Information and DENKA products in its own operations. The user should exercise proper care in considering the Material Safety Data Sheet, Product Information and any other technical information provided by DENKA including descriptions of the conditions of use, warnings and other cautionary instructions. DENKA reserves the right to change the Product Information from time to time at its discretion and without notice.