

SAFETY DATA SHEET

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

Product Name: Estokote Grey - Liquid
 Application: Liquid component of cementitious waterproofing membrane system
 Use advised against: No additional information available
 Company: **PT. HISSAN TRADING INDONESIA**
 Address: 18 Office Park Lt. 15 Suite A, Jl. TB Simatupang Kav. 18, Jakarta Selatan, 12520 Indonesia
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2. HAZARDS IDENTIFICATION

A. Hazard Risk Classification

This material is irritating to eyes, skin and respiratory system.

B. Label elements including precaution statements.

- Symbol:



- Signal word: Warning
- Hazard Risk Statement
H317 May cause an allergic skin reaction.
- Precautionary Statement (Prevention)
 P261 Avoid breathing dust/fume/gas/mist/vapour spray
 P272 Contaminated work clothing should not be allowed out of workplace.
 P280 Wear protective gloves, clothing eye and face protection from competent authority.
 P333 + P311 If skin irritation or rash occurs: call a POISON Center or doctor/physician.
 P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of content/container in accordance to local/national regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient(s) | CAS No. | % |
|------------------|------------|---------|
| Water | 7732-18-5 | 10 – 15 |
| Acrylic emulsion | 55965-84-9 | 80 – 90 |
| Defoamer | 872-50-4 | 1 – 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 | Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists. |
| Skin | Wash thoroughly with soap and water or suitable skin cleanser as soon as possible |
| Inhalation | Remove from exposure - unlikely to occur. |
| Ingestion | Wash out mouth with water. Obtain medical attention. |

5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Media | Carbon dioxide, powder, foam or water fog - Do not use water jets. |
| Special Exposure Hazards | Material can splatter above 100°C. Polymer film can burn. Irritant fumes. Special Protective Equipment |
| | Self-contained breathing apparatus. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions | Wear suitable protective clothing, gloves and eye / face protection. |
| Environmental Precautions | Prevent entry into drain, sewers and water courses. |
| Decontamination Procedures | Soak up with inert absorbent or contain and remove by best available means. Gather into containers. |

7. HANDLING AND STORAGE

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|----------|---|
| Handling | Avoid skin and eye contact |
| Storage | Store in cool, dry areas. Protect from frost. |

8. EXPOSURE CONTROL / PERSONAL PROTECTION

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|-------------------------------|--|
| Occupational Exposure Limits | None assigned |
| Engineering Control Measures | No specific ventilation requirement noted. |
| Personal Protective Equipment | Avoid skin and eye contact. Impervious gloves (e.g nitrile or neoprene). Wear goggles when mist occurs during spraying operations, wear suitable respiratory protective equipment. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------|----------------|
| Physical State | Liquid |
| Odour | White Milky |
| pH | Slight |
| Boiling Point/ Range, °C | 7 – 8.5 |
| Autoflammability, °C | 100 |
| Explosive Properties | Not applicable |
| Vapour Pressure | Not applicable |
| Relative Density | Not determine |
| Solubility | Soluble |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Stability | Stable |
| Conditions to avoid | Temperature (°C) below 2 |
| Materials to Avoid | None known |
| Hazardous Decomposition Products | Thermal decomposition may yield acrylic monomers. |

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components:

Oral LD50, rat > 5000 mg/kg

Dermal LD50, rat / rabbit > 5000 mg/kg

Health Effects

| | |
|---------------|---|
| On Eyes | May cause transient irritation |
| On Skin | Unlikely to irritate on brief or occasional exposure |
| By Inhalation | Low volatility makes inhalation unlikely at ambient temperature |
| By Ingestion | Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract. |

12. ECOLOGICAL INFORMATION

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|--------------------------------|---|
| Environmental Assessment: | When used and disposed of as intended, no adverse environmental effects are foreseen. |
| Mobility: | Mobile liquid. Emulsifiable in water. |
| Persistence and Degradability: | Inherently biodegradable. |
| Bioaccumulative Potential: | Not expected to be bioaccumulative. |
| Ecotoxicity: | Not expected to be ecotoxic to fish / daphnia / algae. |

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

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|------------------------------|---|
| Unused Product: | Dispose of in approved manner. Do not empty into drains, sewers or water courses. |
| Used / Contaminated Product: | As for Unused product. |
| Packaging: | May be steam cleaned and recycled. |

14. TRANSPORT INFORMATION

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|-----------|---------------------|
| IATA-DGR | Not dangerous goods |
| IMDG-Code | Not dangerous goods |

15. REGULATORY INFORMATION

Hazard Label Data

This product is NOT classified as dangerous for supply.

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| Safety Phrases: | Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
|-----------------|--|

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|------------------------|---|
| EC Directives: | Dangerous Substances Directive, 67/54/EEC and adaptations. Dangerous preparations Directive, 88/379/EEC. Safety Data Sheet directive, 91/155/EEC. |
| Statutory Instruments: | Chemical (Hazard Information and Packaging) Regs1993 (SI1746) Control of Substances Hazardous to Health Regs, 1988 (SI 1657). Environmental Protection (Duty of Care) Regs, 1991 (SI 2839). |
| Codes Practice: | Waste Management. The Duty of Care. The above publications are available from HMSO. |

16. OTHER INFORMATION

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 PT. Hissan Trading Indonesia.

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.

Further copies of this Safety Data Sheet may be obtained from PT. Hissan Trading Indonesia.

Disclaimer: *We believe this statement, technical information and recommendations contained here in are reliable, but they are given without warranty or guarantee if any kind. The information contained in this document applies to this specific material as supplies. It may not be valid for this material if it used in combination with any other materials. It is the user's responsibility to satisfy oneself as to suitability and completeness of this information for the user's own particular use.*

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| SDS | : Estokote Grey – Liquid |
| Date of Issue | : 16/02/2019 |
| Date of Revision | : 25/08/2023 |
| Revision | : 04 |