

# SAFETY DATA SHEET

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

Product Name: **ESTOCELL**  
 Application: Bitumen Impregnated Fiber Board  
 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  
 Telephone: +62-21-2278 4182 Fax: +62-21-2278 4186

## 2. HAZARDS IDENTIFICATION

GHS Classification Not Classified  
 Symbol No Symbol  
 Signal Word No signal word  
 Hazard Statement Not applicable  
 Precautionary Statement Not applicable

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas Number	Percentage, %
Wood	None	62 – 87
Aluminium Sulphate	7784-31-8	0 – 1
Water	7732-18-5	4 – 9
Bitumen	9072-35-9	10 – 35

## 4. FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes holding eyelids open. If fiber particles are not dislodged with this method, see physician.  
 Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.  
 Inhalation: Not applicable  
 Ingestion: Unlikely to occur

## 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguisher measures and media that are appropriate to the local circumstances and the surrounding environment. Use water spray to cool fire exposed surfaces and to protect personnel. Use foam or dry chemical to extinguish fire.  
 Special Exposure Hazards: Toxic gases will form upon combustion.  
 Special Protective Equipment: Self-contained breathing apparatus should be worn by fire fighter for all indoor and outdoor fires.

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## 6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions: None.  
 Environmental Precautions: Prevent entry into drain, sewers and water courses.  
 Decontamination Procedures: The board can be burned. Current environmental legislation must be followed.

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## 7. HANDLING AND STORAGE

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Handling: No special precautions.  
 Practice good personal hygiene when work with asphalt impregnated fiber board. Wash hands thoroughly after handling.  
 Storage: Boards should be stored dry. Pallets should be stored flat.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

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Occupational Exposure Limits: No data available  
 Engineering Control Measures: No specific ventilation requirement noted.  
 Personal Protective Equipment: Safety glasses with side shields  
 If workmen are cutting fiber in the field they should wear a dust wear mask to prevent inhalation of the airborne fiber.  
 Wear gloves.  
 Wear adequate protective clothes.  
 Safety boots per local regulation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	Solid
Odour	Slight
pH (concentrate)	Not applicable
Boiling Point / Range (°C)	Not applicable
Melting Point / Range (°C)	Not applicable
Flash Point (closed °C)	None
Auto flammability	Not applicable
Explosive Properties (%)	Not applicable
Oxidizing properties	Not applicable
Water Solubility	Insoluble

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## 10. STABILITY AND REACTIVITY

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Stability: Stable.  
 Conditions to avoid: None known.  
 Materials to Avoid: Strong oxidizing agents, sources of ignition and source of heat.  
 Hazardous Decomposition Products: None

## 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	No data available
Irritancy of Material	Not available
Carcinogenicity	This product is not listed by NTP, IACR or regulated as a carcinogen by OSHA
Teratogenicity	Not available
Mutagenicity	Not available
Reproductive Effects	Not available

## 12. ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed of as intended, no adverse environment effects are foreseen
Mobility:	Solid. Insoluble in water.
Persistence & Degradability:	Not known.
Bioaccumulated 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.	
Unused Product:	Disposed of waste as normal garbage; no special precaution required
Used / Contaminated Product:	As for unused product.
Packaging:	The method of disposal must be acceptable to the local authority.

## 14. TRANSPORT INFORMATION

IATA-DGR	Not regulated for transport of dangerous good
IMDG-Code	Not regulated for transport of dangerous good
ADR/RID	Not regulated for transport of dangerous good

## 15. REGULATORY INFORMATION

### Hazard Label Data

This product is NOT classified as dangerous for supply.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regs 1993 (SI1746)  
Environmental Protection (Duty of care) Regs. 1991 (SI 2839)

Codes of Practice: Waste Management. The Duty of Care.  
Health & Safety Work, etc. Act 1974  
Environmental Protection Act 1990  
Control of Substances Directive, 67/ 548/EEC and adaptations.

Guidance Note Occupational exposure limit (EH40)

## 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.

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**SDS** : Estocell  
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