

SAFETY DATA SHEET

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

Product Name: **Estoflex PU 880**
Application: Coating agent, Adhesive, Binder
Use advised against: No additional information available
Company: **PT. HISSAN TRADING INDONESIA**
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2. HAZARDS IDENTIFICATION

A. GHS Classification: Not harmful. Water soluble type.

B. Hazard Identification:

- Symbol:



- Signal word: Warning
- Hazard Risk Statement
May cause an allergic reaction.
- Precautionary Statement
(Prevention)
 - After using, wash with plenty of soap and water Avoid contaminating skin, clothing, and eye.
 - Wear protective gloves/protective clothing/eye protection
(Response)
 - If skin irritation or rash occurs; Get medical advice/attention
(Storage)
 - Store at container without exposure.

C. Other hazards which do not result in classification.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Percentage, %
POLYMETHYL METACRYLATE – BUTYL ACRYLATE – 2-ETHYLHEXYL ACRYLATE -	No CAS# Available	<50
COPOLYMER	(Non-hazards)	
Water, Etc.		<60
Iron Oxide		<20
CaCO ₃		<9
Antifoaming agent		<1

4. HAZARDOUS IDENTIFICATION

None

5. EMERGENCY AND FIRST AID PROCEDURES

Ingestion:	If swallowed, induce vomiting following clearing mouth. For large ingestion obtain medical attention immediately.
Inhalation:	Avoid inhalation of fumes by wearing protective mask. Should inhalation occur, expose patient to fresh air immediately.
Skin contact:	Avoid prolonged skin contact. Wash off with water and dry thoroughly.
Eyes:	Flush eyes immediately with water for at least 15 minutes. Do not rub the eyes when contaminated. Seek medical attention if irritation persists.

6. FIRE AND EXPLOSION HAZARD DATA

Flash Point	>230°C
Flammable Limits	LOWER : Not determined (nonvolatile material) UPPER : Not determined (nonvolatile material)
Extinguishing Media	Does not constitute a fire hazard. If involved in a fire dry powder, foam, water mist or carbon dioxide extinguishers are suitable.
Special Fire Fighting Procedures	Don't spray pool fires directly; A solid stream of water directed into hot burning liquid can cause frothing.

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Remove all sources of ignition. Use personal protective equipment
Environmental Precautions:	Prevent product from entering drains, Should not be released into the environment.
Methods for Cleaning Up:	Dam up. Soak up with inert absorbent material and dispose of as hazardous waste. After cleaning, flush away traces with water.

8. HANDLING AND STORAGE

Handling information	Care normally exercised when handling chemicals.
Technical measures/precautions	Keep away from sources of ignition-No smoking. Avoid contact with skin and eyes. Use only explosion-proof equipment.
Storage	Keep away from heat and sources of ignition. Use only explosion-proof equipment.
Spill or leak procedures	Recollect where possible - then hose to drains until area not slippery.
Waste disposal	Can be washed to drains without treatment.

9. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Control Measures:	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment:	Safety glasses, impervious gloves.

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White emulsion
Solid contents:	40 ± 1.0 %
Viscosity:	4,500 ± 2000 cps
pH:	9±1
Boiling Point, 760 mmHg:	> 100°C
Flammability:	Not Applicable
Authorization Temperature:	No Data Available
Explosive Properties:	Not Applicable
Oxidizing Properties:	Not Applicable
Vapor Pressure:	17.0 mmHg at 20°C
Vapor Density (air=1):	Not data
Melting/Softening range:	Not data
Water Solubility:	Soluble
Specific Gravity at 25°C:	1.15 ± 0.05

11. STABILITY AND REACTIVITY

Condition to avoid:	To avoid thermal decomposition, do not overheat.
Material to avoid:	Strong oxidizing agents.
Hazardous Decomposition Product:	None reasonably foreseeable

12. TOXICOLOGICAL INFORMATION

The product contains no substances known to be hazardous to health

13. ECOLOGICAL INFORMATION

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

14. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

15. TRANSPORT INFORMATION

Other
Not restricted for transport.

16. REGULATORY INFORMATION

Not applicable

17. 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 users 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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