



**P.T. ETERNAL BUANA CHEMICAL INDUSTRIES**  
MANUFACTURER AND SUPPLIER OF SYNTHETIC RESIN & PLASTICIZERS

Barclays House, 7 th Floor Jl. Jend Sudirman Kav 22-23 JAKARTA 12920  
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No. : EBCI/MSDS/12023  
Issue date : Sept. 26, 1996  
Rev. no. : -  
Rev. date : -  
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## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name : EBL 4105  
Chemical Name : Poly vinyl Acetate Homopolymer  
Synonyms : None  
Molecular Formula : N/A  
Chemical Family : Polymer Dispersion

### II. INFORMATION ON INGREDIENT

Water :  $61 \pm 1\%$   
Polymer Type : Poly vinyl Acetate Homopolymer  
Free Monomer : 0.5 % max.  
Others : -

### III. HAZARDS IDENTIFICATION

Color : Milky White  
Odor : Polymeric  
Effect of over exposure : Contact with skin or eyes may cause minor temporary irritation.  
Emergency and first aid procedures : Flush eyes with plenty amount of water for a minimum of 15 minutes. Wash contacted skin areas with soap and water. If irritation develops, consult a Physician. Soaked clothing should be change immediately.

### IV. FIRST AID MEASURES

First aid procedures - eyes : Immediately rinse with running water for 15 minutes. Get medical attention, if irritation develops.  
First aid procedures - skin : Wash affected areas with soap and water. Get medical attention, if irritation develops.  
First aid procedures – ingestion : Dilute with water if swallowed.  
First aid procedures – inhalation : Remove to fresh air. If not breathing gives artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and seek prompt medical attention.

### V. FIRE FIGHTING MEASURES

Flash Point : (See physical data section)  
Flammable Limits in Air, % by volume : Unknown



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- Lower : Undetermined Upper : Undetermined
- Extinguishing Media : Use carbon dioxide or dry chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires.
- Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

## VI. ACCIDENTAL RELEASE MEASURES

Action to take spills : (Use appropriate safety equipment).

Use absorbent material to collect and contain for disposal. Contain large spills and pump into suitable tank. Wash the area with water and thoroughly rinse.

## VII. STORAGE AND HANDLING

Store in well ventilated areas at temperature below 120 °F. Keep container tightly closed. Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material.

## VIII. PERSONAL PROTECTION

- Ventilation :
  - 1. Local exhaust : None should be needed
  - 2. Respiratory protection (type) : Canister for organic vapors (i.e. type GMA from Mine Safety Appliance Co.)
- Protective Clothing : clean, body-covering clothing. In addition, rubber gloves, boots and apron, depending upon the exposure likely, or as required by your company).
- Eye Protection : Safety goggles recommended.

## IX. PHYSICAL PROPERTIES

- Solubility in water : Soluble in all portion
- Specific Gravity : 1.03
- Vapour Pressure, mm. Hg, at 25°C : < 0.1
- Vapour Density (Air=1) : > 1
- Volatiles, % : < 1
- Appearance : Milky White
- Odour : Polymeric
- Flash Point, PMCC°F : > 300

## X. STABILITY AND REACTIVITY

- Stability : Stable
- Hazardous Decomposition Products : Thermal decomposition may produce carbon mono/ dioxides.
- Hazardous polymerization : Will not occur
- Condition to avoid : See above statement



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## XI. TOXICOLOGICAL INFORMATION

No applicable data for this section.

## XII. ECOLOGICAL INFORMATION

No applicable data for this section.

## XIII. DISPOSAL CONSIDERATION

- + Disposal Method : All local, state and federal regulation concerning health and pollution should be reviewed to determine approved disposal procedures.
- + Do not discharge into waterways or sewer system.

## XIV. TRANSPORTATION INFORMATION

Not regulated by the department of transportation.

## XV. REGULATORY INFORMATION

No additional information.

## XVI. OTHER INFORMATION

- + Hazard Classification : Non - Hazardous
- + Health Hazard : 0 - (Normal Material)
- + Flammability : 0 - (Unflammable)
- + Reactivity : 0 - (Stable)

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