



**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  
Telp. 62-21-5712998, Fax 62-21-5712567  
Website: www.royalchemie.com

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## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name : EBL 4811  
Chemical Name : Poly acrylic  
Synonyms : None  
Molecular Formula : N/A  
Chemical Family : Polymer Dispersion

### II. INFORMATION ON INGREDIENT

Water : 74 ± 1 %  
Polymer Type : Pure Acrylic Copolymer  
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)

This above data and information apply to the product as such and confirming to specifications given by Eternal Buana Chemical Industries. While the information is believed to be correct, Eternal Buana Chemical Industries shall in no event be responsible for any damages what so ever, directly or indirectly resulting from the publication or use of or reliance upon data contained here in. Users are advised of possible additional hazard when the product is used in applications for which it was not intended. This sheet only be used and reproduced for prevention and security purposes.