








PT. Eternal Buana Chemical Industries
JL. Raya Serang Km. 14
Cikupa, Tangerang, Indonesia

No. : EBC/MSDS/3063
Issue date : Sept 01, 2004
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MATERIAL SAFETY DATA SHEET





I. PRODUCT IDENTIFICATION

 Trade Name	: EBL – 3460
 Chemical Name	: Styrenated Acrylic Polymer Solution
 Synonyms	: None
 Molecular Formula	: N/A
 Chemical Family	: Polymer Dispersion





II. INFORMATION ON INGREDIENT

 Water	: 70 ± 1 %
 Polymer Type	: Styrenated Acrylic
 Free Monomer	: 0.5 % max.
 Others	: -

III. HAZARDS IDENTIFICATION

 Color	: Clear to Amber Solution
 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, gets 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.



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V. FIRE FIGHTING MEASURES

- Flash Point : (See physical data section)
- Flammable Limits in Air, % by volume : Unknown
- 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 (gr/ml) : 1.04 - 1.09
- Vapour Pressure, mm. Hg, at 25°C : < 0.1
- Vapour Density (Air=1) : > 1
- Volatiles, % : < 1
- Appearance : Clear to Amber Solution
- Odour : Polymeric
- Flash Point, PMCC°F : > 300



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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

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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