



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

No. : EBC/MSDS/3062
Issue date : Sept 01, 2004
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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name : EBL - 3438
Chemical Name : Styrenated Acrylic
Synonyms : None
Molecular Formula : N/A
Chemical Family : Polymer Dispersion

II. INFORMATION ON INGREDIENT

Water : 54 ± 1 % CAS 7732-18-5
Monomer : Styrene CAS 100-42-5
Butyl Acrylate CAS 141-32-2
2 – Ethyl Hexyl Acrylate
Polymer Type : Styrenated 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, 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) : 1.07 – 1.10
-  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



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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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