

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

DATE PREPARED: 2/1/2007

CODE: 4500

SECTION 1 - PRODUCT IDENTIFICATION				
Distributor RICMAR INDUSTRIES	Emergency Phone 800.309.5869			
Address 889 N. Larch Ave. • Elmhurst, IL 60126	Prepared By: KJ			
Trade Name BOTTOM LINE (UNDER)	Product Type Floor Finish Sealer			
SECTION 2 - INGREDIENTS				
CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Acrylic / Styrene Emulsion Copolymer	Proprietary	<20%	None Established	No
Tributoxyethyl Phosphate	78-51-3	<3%	None Established	No
Diethylene Glycol Ethyl Ether (Section 313)	111-90-0	1-5%	None Established	Yes
Propylene Glycol	57-55-6	1-5%	None Established	No
Water	7732-18-5		None Established	No
SECTION 3 - PHYSICAL DATA				
Boiling point (°F.) 212°F	Specific Gravity (H2O=1.0) 1.0 ± 0.005		pH 8.8 ± 0.5	
Vapor Pressure (mm Hg) Not Determined		Vapor Density (Air=1) Not Determined		
Solubility in water <input type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input checked="" type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate (vs. H2O) <input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the Same Appearance and Odor Milky white liquid emulsion with characteristic acrylic odor.				
Slip Resistance This product meets or exceeds standards for slip resistance (ASTM D 2047-75), but manufacturer/distributor is not responsible for slips or falls when product is used on quarry tile, ceramic, brick, marble, stone or other hard or irregular floors.				
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA				
Flash Point (T.C.C.) °F. <input checked="" type="checkbox"/> None to Boiling Flammable Limits N/A Upper Lower				
Extinguishing Media Product is non-combustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored.				
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.				
Unusual Fire and Explosion Hazards None				
SECTION 5 - REACTIVITY DATA				
Stability Stable Incompatibility Salt Solutions or Acids will coagulate latex.				
Hazardous Decomposition Products Burning may produce oxides of carbon and other potentially hazardous substances.				
SECTION 6 - HEALTH HAZARD DATA				
Primary Routes of Exposure <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other				
Signs and Symptoms of Overexposure (Acute) Direct contact with eyes may cause mild to moderate irritation with local redness & swelling of conjunctiva. Prolonged or repeated skin contact may cause irritation. Ingestion may cause irritation of mouth, throat & stomach with possible nausea, vomiting and C.N.S. depression (dizziness, fatigue, headache) .				
Signs and Symptoms of Overexposure (Chronic) None currently known.				
Medical Conditions Aggravated by Overexposure An existing dermatitis and/or a respiratory illness.				
Carcinogen or Suspect Carcinogen Ingredients <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE				
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES				
Eyes Flush eyes with water for at least 15 minutes and call a physician immediately.				
Skin Wash affected areas with large amounts of soap and water. If irritation persists call physician.				
Ingestion Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.				
Inhalation Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.				
SECTION 8 - SPECIAL PROTECTION INFORMATION				
Respiratory Protection Not required under normal use conditions. Use with adequate ventilation.				
Ventilation Requirements <input type="checkbox"/> Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other Eye Protection Safety Glasses/Goggles				
Protective Gloves Not Required Other Protective Clothing Protective clothing appropriate to minimize contact.				
SECTION 9 - SPILL OR LEAK PROCEDURES				
Steps to be Taken If Released or Spilled Do not touch or walk through spilled material. Stop leak if you can do it without risk. Dike ahead of large spill to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into sound containers for reuse, recycle or proper disposal.				
Waste Disposal Methods Dispose of in an approved waste facility according to Federal, State and local regulations.				
SECTION 10 - STORAGE AND HANDLING INFORMATION				
Precautions to be Taken In Handling and Storage Do not freeze. Do not use on surfaces colder than 45°F. Floors can become slippery when wet. Clean up spills promptly. Failure to follow these precautions could lead to product failure or slippery conditions. D.O.T. Classification : Not Regulated.				

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

**HMIS
HAZARD
RATING**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME