

SECURE FLOOR FINISH # 316

MATERIAL SAFETY DATA SHEET

Date Prepared: 5-22-97 By Charles D. Werner

SECTION 1 - PRODUCT IDENTIFICATION

Manufacturer Name: Fortech Products by Formula Corporation	Emergency Phone No: 1-800-228-5635 ext. 059
Address: 7901 2nd Ave S., Seattle, WA 98108	
Trade Name: SECURE	Product Type: Water based floor finish
Product Code: FFLFSFSXX-CT-SECUR	Formula:

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
* Diethylene Glycol Butyl Ether (DB)	112-34-5	4	NONE
* Diethylene Glycol Monomethyl Ether (DM)	111-77-3	3	NE
Acrylic Copolymers	Not assigned	< 40.0	NE
"TEXANOL" Ester Alcohol	025265-77-4	<5.0	NE
Tributoxyethyl Phosphate	78-51-3	< 5.0	NE
* Indicates toxic chemical subject to the reporting requirements of section 313 of title III and of 40 CFR 372			
This product may contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.			

SECTION 3 - PHYSICAL DATA

Boiling Point: (F) approx. 212 F	Specific Gravity: (H ₂ O = 1.0) 1.0	pH: 7.0 - 8.5
Vapor Pressure: (mm/Hg) 18 mm/Hg	Vapor Density: Heavier than air	
Solubility In Water: Completely miscible		
Evaporation Rate (Vs ether) slower than ether		
Appearance and Odor: Milky white, non-viscous liquid, faint sweet ammonia odor.		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): NONE	Flammable Limits	Upper N/A	Lower N/A
Extinguishing Media: water Fog.			
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use Water spray to cool nearby containers and structures exposed to fire.			
Unusual Fire and Explosion Hazards: None.			

SECTION 5 - REACTIVE DATA

Stability: Stable	Incompatibility: Strong oxidizers, acids.
Hazardous Decomposition Products: May liberate carbon dioxide, and carbon monoxide	

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value - Product (See Section 2 for Ingredient TLV)	None Established				
Primary Routes of Exposure:	Eye - yes	Skin-Not Established	Oral-yes	Inhalation-yes	Other
Signs and Symptoms of Over-exposure (Acute): EYES: Vapors and mists may irritate the eyes. INHALATION: Undiluted vapors and mists may irritating to the nose, throat. Prolonged inhalation of higher concentrations may cause headaches. SKIN: No irritation is likely after brief contact, but may be irritating after prolonged contact.					
Signs and Symptoms of Over-exposure (Chronic): Repeated overexposure to ethylene Glycol Ethers may cause damage to the liver, kidneys and red blood cells. Inhalation of vapors or mists may cause varying degree of damage to the affected tissues and also increasing susceptibility to respiratory illness.					
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may more susceptible to effects.					
Carcinogen or Suspect Carcinogen Ingredients:	NTP - NO	IARC - NO	OSHA - NO	NONE	

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.
Skin: Wash skin with soap and water. Remove contaminated clothing & shoes. Wash before reuse.
Ingestion: If conscious, drink 2 glasses of water consult a physician immediately. Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.
Inhalation: Get to fresh air.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: not normally required	Ventilation Requirements: Adequate ventilation required. Mechanical required if necessary to maintain exposure below PEL.
Protective Gloves: Wear resistant gloves if excessive exposure is anticipated.	Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.
Other Protective Clothing: Where gross eye and skin contact may occur use and wear appropriate protective clothing, including resistant clothing, rubber boots with pants on the outside, and rubber gloves.	

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: For small spills, sweep and contain. For large spills, shovel and sweep up and contain. Rinse with water.
Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing . Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Store in a cool dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use.
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