

MATERIAL SAFETY DATA SHEET

(PREPARED ACCORDING TO 29 CFR 1910, 1200)

SECTION 1 - PRODUCT IDENTIFICATION			
Product Trade Name: FORMULA AT-5		Date: 3-9-07	
Distributor: GEM INDUSTRIES, INC.		Product Type: FINISH CLEANER & SEALANT	
Address: PO BOX 450061 • SUNRISE, FL 33345			
Phone No: 954-749-1228 • EMERGENCY PHONE NO: CHEM-TEL 800-255-3924		Fax No: 954-749-3564	
SECTION 2 - INGREDIENTS			
CHEMICAL NAME / COMMON NAME	CAS NO.	WT%	TLV (Source)
MINERAL SPIRITS	8052-41-3	18.0	100PPM TLV
PETROLEUM DISTILLATE*	64-742-47-8	20.0	400PPM TLV
2-BUTOXY ETHANOL	111-76-2	1.0	400PPM TLV
PROPRIETARY NONHAZARDOUS		61.0	
SARA HAZARD: TITLE III, SECTION 313: 2-butoxy ethanol @ 1%			
SECTION 3 - PHYSICAL DATA			
Boiling point (F): 212-522	Specific Gravity (H2O=1.0): 1.076 +0.005		pH: 9 +0.5
Vapor Pressure (mm Hg): 3.9	Evaporation Rate (vs. H2O): About the Same Faster Slower		
Vapor Density (Air=1): HEAVIER	Appearance and Odor: MLKY WHITE LIQUID, ALIPHATIC SOLVENT ODOR		
Solubility in Water: Complete Insoluble	Emulsifiable (or Dispersible) Slight(or Partial)		
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C): >202 F None to Boiling		Flammable Limits: Upper 6.8 Lower 1.0	
Extinguishing Media: Combustible Liquid. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored.			
Special Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode and full body protection when fighting fires. Solvent vapors can travel to an ignition source and flash back.			
Unusual Fire and explosion Hazards: Products of Combustion are oxides of carbon.			
SECTION 5 - REACTIVITY DATA			
Incompatibility: Strong Oxidizing agents.		Stability: Stable	
Hazardous Decomposition Products: Oxides of Carbon			
SECTION 6 - HEALTH HAZARD DATA			
Primary Routes of Exposure: Eye Skin Oral Inhalation Other:			
Signs and Symptoms of Overexposure (Acute): Vapors may cause headache, dizziness, drowsiness, and muscular weakness. Excessive inhalation may cause oxygen deficiency.			
Signs and Symptoms of Overexposure (Chronic): None currently Known.			
Medical Conditions Aggravated by Overexposure: An Existing Sensitization			
*Carcinogen or Suspect Carcinogen Ingredients: OSHA None			
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes: Immediately flush with water for at least 15 minutes , lifting upper and lower lids occasionally. Get immediate medical attention.			
Skin: Flush exposed area with water for at least 15 minutes. Get medical attention. Remove contaminated clothing . Launder before re-use.			
Ingestion: Do not induce vomiting. Vomiting will cause further damage to the throat. Call a physician.			
Inhalation: Remove Individual to fresh air. If breathing has stopped artificial respiration should be started. Call physician. Never give anything by mouth to an unconscious person.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection: If in confined area, wear NOISH/MSHA approved respirator		Protective Gloves: Neoprene Type/PVC	
Ventilation Requirements: Local Exhaust Mechanical Other		Eye Protection: Safety Glasses with side shields	
Other Protective Clothing: Normal work clothing, synthetic apron, taking care to protect face and arms.			
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken If Released or Spilled: Remove all possible sources of ignition. Pick-up spill with absorbant, place in container for disposal.			
Methods: Dispose of in an approved manner according to Federal, State and Local regulations.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be taken in Handling and Storage: Store in areas away from sources of ignition, open flame and sparks. Store indoors in cool dry area out of direct sunlight.			
The health hazards given on the 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. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.			

HMIS HAZARD RATING	HMIS INDEX
HEALTH (2)	0 - MINIMAL
FLAMMABILITY (2)	1 - SLIGHT
REACTIVITY (0)	2 - MODERATE
PERSONAL PROTECTION (C)	3 - SERIOUS
	4 - SEVERE

(C) - Eye Protection, Hand Protection, Synthetic Apron