

# MATERIAL SAFETY DATA SHEET

Telephone Number: (407) 293-6810 or (800) 749-6810  
After Hours Emergency Number: (800) 424-9300

Date of Preparation: 01/01/2000

## SECTION I - PRODUCT IDENTIFICATION

**PRODUCT NAME: AQUATEC INDUSTRIAL ACRYLIC ENAMEL —INDUSTRIAL ACRYLIC ENAMEL**

SEMI-GLOSS	SATIN	GLOSS
1600 - WHITE 1601 - TINT WHITE 1602 - DEEP BASE 1603 - ULTRA DEEP 1604 - ACCENT BASE 1612 - BLACK 1600 - FACTORY COLORS 1662 - SAFETY ORANGE 1663 - SAFETY YELLOW 1664 - SAFETY RED 1665 - SAFETY BLUE 1666 - SAFETY GREEN	1670 - BRONZETONE 1672 - BLACK 1650 - WHITE	1800 - WHITE

## SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H2O=1): 1.10 - 1.28	1.17 - 1.21	
% Volatile (Volume): 56.0 - 63.0	58.0 - 61.5	
Weight per Gallon: 9.16 - 10.66	9.75 - 10.08	
Evaporation Rate: <1 (BAc = 1)	<1 (BAc = 1)	

Boiling Point/Range: Above 212 Deg F  
Vapor Pressure: 17 mm Hg @ 20 Deg C (Water)

Solubility in Water: Dilutable  
Appearance and Odor: Creamy liquid with ammonia odor

Vapor Density: <1 (Air = 1)

## SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components	CAS#	Percent by Weight	OSHA PEL	ACGIH TLV	Vapor Pressure (mm HG)	LEL:
ETHYLENE GLYCOL MONOBUTYL ETHER (EB)	111-76-2	1.8-3.7	25 ppm	25 ppm	.660 @ 20 Deg. C	1.1%
ETHYLENE GLYCOL MONOPROPYL ETHER (EP)	2807-30-9	2.0-3.5	n/a	n/a	1.3 @ 77 Deg. F	1.3%

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point: (Method): Nonflammable

Flammable Limits: LEL n/a UEL n/a

Extinguishing Media: Water Fog

Special Fire Fighting Procedures: Wear self contained breathing apparatus and full protective gear. Water may be used to cool containers to prevent pressure build up.

Unusual Fire and Explosion Hazards: Closed containers may explode when exposed to extreme heat.

DOT Hazard Class: Nonregulated

## SECTION V - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:  Stable                      Conditions to Avoid: Temperatures at or below 32 Deg F or 0 Deg C  
 Unstable  
Incompatibility ( Materials to Avoid): Strong oxidizers (acids)  
Hazardous Decomposition of By-products: Thermal decomposition may yield carbon dioxide or carbon monoxide.  
Hazardous Polymerization:  May Occur                       Will Not Occur  
Conditions to Avoid: None known

## SECTION VI -- HEALTH HAZARD

Routes of Exposure: Inhalation, skin contact  
Health Hazards (Acute and Chronic): None known  
Carcinogenicity: Does not contain 0.1% or more of any substance which is listed as a carcinogen by IARC, NTP, or OSHA.  
Medical Conditions Aggravated by Exposure: Vapor or mist may provoke asthmatic response in persons with asthma who are sensitive to airway irritants. Dermatitis.  
Signs and Symptoms of Over Exposure:  

1. Inhalation - Vapor or mist can cause headache, nausea and irritation of the nose, throat, and lungs in poorly ventilated areas.
- 2.. Eyes - May cause irritation.
3. Skin - May cause irritation.
4. Ingestion - No known adverse effects.

Emergency and First Aid Procedures:  

1. Inhalation - Move subject to fresh air.
2. Eyes - Flush with large amounts of water for 15 minutes. Consult a physician.
3. Skin - Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse.
4. Ingestion - Drink 1 or 2 glasses of water to dilute. DO NOT INDUCE VOMITING. Consult a physician immediately.

## SECTION VII - SPECIAL PRECAUTIONS

Steps To Be Taken In Case Material Is Released Or Spilled: No materials are to be washed away, or detoured to a drain. Large spills should be contained by diking and proper absorbents. Spills are handled by scooping up all materials and putting them back in original containers. Remainder of spill should be contained and collected with a suitable absorbent. All cleanup materials rags, paper towels, sawdust, etc. are to be collected for proper disposal.  
Waste Disposal Method: The nonvolatile portion of this material is not considered hazardous and can be disposed of in a landfill according to local, state, and federal regulations.  
Precautions To Be Taken In Handling And Storage: Use with adequate ventilation. Avoid contact with skin and clothing. Wash thoroughly after handling. Protect from extreme heat and cold.

## SECTION VIII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: None with sufficient ventilation. For poorly ventilated areas, use MSHA/NIOSH approved air-purifying respirator with organic vapor cartridges.  
Ventilation:  Local Exhaust                       Special  
 Mechanical Exhaust                       Other - Forced ventilation from outside source  
Protective Gloves: Neoprene                      Eye Protection: Protective goggles or face shield  
Work/Hygienic Practices: Use protective cream for sensitive skin and wash from affected areas as soon as possible. Avoid prolonged breathing of vapors or spray mist.