

**MATERIAL SAFETY DATA SHEET**  
**AQUABOND™ 55 THERMOPLASTIC**

*The information in this MSDS conforms to OSHA regulations (29 CFR 1910.1200(g))*

*Revised: August 1, 2000*

**Identity:** **AQUABOND 55 THERMOPLASTIC**  
**Information:** Aquabond Technologies  
5235 Mission Oaks Blvd. #300 , Camarillo, CA 93012, USA  
Phone: (805) 383-4008 (Information)  
CHEMTREC: (800) 424-9300 (Transportation Emergency)

**Components:** In compliance with SARA Title 3 (40 CFR 372.65), all ingredients in this product are non-hazardous. Identities of these materials are withheld as a trade secret (29 CFR 1910.1200(i)).

<u>ITEM</u>	<u>CAS No.</u>	<u>% (v/v)</u>	<u>PEL</u>	<u>Ceiling</u>	<u>STEL</u>
Non-Haz	N/A	100	N/A	N/A	N/A

**Physical/Chemical Data:** Boiling Point >570 (>300 C) Vapor Pressure (mm Hg), @ 77F N/A  
Melting Point (F) 122-131 (50-55 C) Evaporation Rate (Butyl Acetate = 1) N/A  
Specific Gravity (H2O = 1) 1.01 Solubility in Water: nil @ 25C

**Appearance and Odor:** Solid, opaque purple; no odor.

**Fire and Explosion Data:** Flash Point (F): 385 (196 C), closed cup  
Flammable Limits: N/A  
Extinguishing Media: Dry chemical, carbon dioxide, water spray.

Special fire-fighting procedures: Protective equipment and SCBA.  
Fire and Explosion Hazards: As with any organic material, contact with strong oxidizers may cause fire or explosion.

**Reactivity Data:** Stable. The *AQUABOND 55 THERMOPLASTIC* is non-reactive and non-corrosive. It is stable at temperatures expected under normal applications.

Conditions to avoid: Flame or other sources of ignition, combustion sources.  
Incompatibility: Strong acids, strong oxidizers, strong reducing agents.  
Decomposition or Byproducts: Carbon monoxide, carbon dioxide.  
Hazardous Polymerization: WILL NOT OCCUR.

**Health Hazard Data:** Room temperature routes of entry: skin, ingestion; elevated temperature routes of entry: inhalation, eyes, skin. No chronic effects identified. No irritant effects of eyes, skin and gastrointestinal. No identified medical conditions are known to be aggravated by exposure. Always use ventilation when heating. The ingredients in the *AQUABOND 55* do not have any known listed occupational exposure levels which apply.

NFPA Hazard Rating:	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Special</u>
(HMIS)	0	1	0	N/A

Exposure Signs and Symptoms: Heated vapors will target eyes and skin. Eye redness, skin dermatitis, dizziness, nausea, vomiting may occur with prolonged exposure to heated vapors in non-ventilated conditions.

Emergency/First Aid Procedures: If inhaled, remove to fresh air; if contact with skin or eyes, flush repeatedly with water; if ingested CONTACT PHYSICIAN. Drink large amounts of water and induce vomiting.

Carcinogenicity: No ingredients in the *AQUABOND 55* are listed/suspected carcinogens by the National Testing Program, the International Agency for Research on Cancer, or OSHA.

**Safe Handling and Use:** Wear Suitable protective clothing. Glasses or goggles and nitrile or neoprene protective gloves are **required**. Additional equipment may include a uniform or apron. No respiratory protection or ventilation is required under normal handling conditions at STP. When heated, vapors should be ventilated away from workspace.

Spills or Releases: Absorb with non-combustible material and dispose as non-hazardous/municipal waste.

Storage and Packaging: Keep away from heat. Store in a cool, dry, well ventilated area or cabinet. Isolate from incompatibles such as corrosives, oxidizers, or strong reducing agents.

**Regulatory Measures:** No levels of listed materials exist which the State of California would require warning (Proposition 65). *AQUABOND 55* is a non-VOC by EPA method 24.

**Waste Management:** **When emulsified**, the *AQUABOND 55 THERMOPLASTIC* is completely biodegradable. It may be sent directly to the sewer upon dispersing/removal with the necessary *AQUABOND* cleaning agent. Please contact Aquabond Technologies for more information.