

MATERIAL SAFETY DATA SHEET
AQUABOND™ 85 THERMOPLASTIC

*The information in this MSDS conforms to OSHA regulations (29 CFR 1910.1200(g))
Revised: August 1, 2001*

Identity: **AQUABOND 85 THERMOPLASTIC**
Information: AquaBond Technologies
5235 Mission Oaks Blvd. #300, Camarillo, CA 93012
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 N/A Vapor Pressure (mm Hg), @ 77F N/A
Melting Point (F) 190 (88C) Evaporation Rate (Butyl Acetate = 1) N/A
Specific Gravity (H2O = 1) 0.96 Solubility in Water: nil @ 25C

Appearance and Odor: Solid, clear green; no odor.

Fire and Explosion Data: Flash Point (F): 482 (250 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 85 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 *AQUABOND 85* do not have any known listed occupational exposure levels which apply.

NFPA Hazard Rating: (HMIS)	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Special</u>
	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 85* 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). The *AQUABOND 85* is a non-VOC by EPA method 24.

Waste Management: **When emulsified**, the *AQUABOND 85 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.