

# Aqualease™ 75

**Aqueous Concentrated Silicone Release Agent**

**Mann**  
RELEASE TECHNOLOGIES™  
www.smooth-on.com

## PRODUCT OVERVIEW

Aqualease™ 75 is an economical concentrated water-based emulsion that was formulated specifically for releasing synthetic and natural rubbers, microcellular and solid polyurethane elastomers, epoxies and thermoplastic resins from a variety of substrates. Aqualease™ 75 also has a unique film forming technology that offers corrosion protection for metal molds.

A thin film of Aqualease™ 75 provides excellent release, requires little or no mold maintenance, and provides better protection against rust on steel molds. This product is an excellent low cost replacement for organic solvent release agents.

- Water based carrier
- Excellent Release
- Excellent film formation
- No build-up
- Low toxicity and odor
- No VOCs—reduced health risks
- Economical—costs much less vs. other release agents
- Convenient mix ratio of 3 parts water, 1 part concentrate

Property	Specifications
Appearance	Milky fluid
Application	Spray
Solids	18%–20%
Viscosity	Low
Mold temperature	To 500° F / 260° C
Mold Types	All

## PROCESSING RECOMMENDATIONS

### PREPARATION AND APPLICATION...

Preheat molds to operating temperature. Mix, stir, or roll containers prior to use. **Dilute 1 part Aqualease™ 75 with 3 parts water.** Spray using an air assisted spray gun. Always apply a light coating before each molding cycle. Excess water will create surface defects on the molded parts. Should mold build-up occur, dilute the Aqualease™ 75 blend as above in instruction 1 with an additional part of water.

Aqualease™ 75 is a stable water based polymers emulsion. Cold temperatures may cause separation. Should this occur, mix well before using. Do not allow product to freeze.

### FINISHING

Thorough cleaning of finished parts is recommended prior to painting, staining, or bonding. Parts may have to be sanded or machined to finish or bond. For suggested cleaning procedures, consult your Mann technical representative.

### Safety First!

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**CAUTION:** Do not take internally. If splashed on skin or clothing, wash with soap and water to remove. May cause temporary eye irritation, flush with large amounts of water.

**IMPORTANT** - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe a copyright or patent. User shall determine suitability of the product for the intended application and assume all associated risks and liability.



**Call Us Anytime With Questions About Your Application.**

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[www.smooth-on.com](http://www.smooth-on.com) is loaded with information about mold making, casting and more.

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