

# Technical Data Sheet



**Culver International Ltd**

**Dynaloy European Manufacturers Agent**

Establishing Distributors and Maintaining  
The European Network for Dynaloy, Inc.



**Engineered Chemistries**

**ISO 9001:2000**

## POLY-FLUSH

Poly-Flush is a very versatile polymer flushing solvent. It can be used in all types of industrial and electronic applications.

### General

Poly-Flush is formulated for the flushing of polyurethane and polyester mixing/dispensing equipment. This product was developed as a more effective replacement for DBE, Citrus-based, and other low-cost flushing solvents. Like these flushing materials, the Poly-Flush flushing solvent is also a low-cost option. It is a low-toxicity, non-chlorinated, non-flammable solvent also designed to replace solvents such as acetone, methylene chloride, and other chlorinated solvents used in polyurethane and polyester flushing applications.

### Applications

1. Poly-Flush can be used for the flushing of uncured polyurethane foam, polyester resins, polyurethane reactive hot melts, most polyurethane adhesives, and rigid and flexible urethanes.
2. Poly-Flush can be used for the flushing of urethane-based inks and paints.
3. Poly-Flush can also be effective for the flushing of various other polymers including epoxies, acrylics, and methacrylates.
4. Poly-Flush can also be used to clean stereolithography resins used in the rapid prototyping industry.

### Specifications

<b>Color:</b>	Clear
<b>Specific Gravity:</b>	0.96
<b>Boiling Point:</b>	>375°F
<b>Flash Point:</b>	>175°F (PMCC)

### Directions For Use

1. The Poly-Flush can be used at room temperature or heated. For most flushing applications, the solvent can be heated to 150-175°F to increase effectiveness. In flushing, use the solvent as you would any other flushing agent. Poly-Flush is safe to use as a flushing solvent on equipment using Viton seals as long as the solvent is not left in contact with the Viton for an extended period of time. After 24 hours, Viton may begin to swell if left immersed in Poly-Flush. For a completely Viton-safe flushing solvent, use UR-Away FL.
2. To remove cured materials try Dynasolve CU-5, UR-Away, and UR-Away NF for urethane and polyester-based polymers. For flushing of partially cured material, try Dynaflush or Dynasolve CU-6.

### Caution and Warnings

Poly-Flush contains powerful organic solvents. It is harmful if inhaled or swallowed. Avoid breathing vapors or mist. Keep away from heat and flame. Avoid contact with eyes and skin. Wear gloves, safety goggles, and protective clothing when handling. Use with adequate ventilation. Refer to MSDS before use, for disposal, or additional safe handling.

The information in this sheet is based upon our own research and is considered accurate. However, we make no warranty either expressed or implied regarding accuracy and results to be obtained, because operating conditions of users are beyond our control.

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