

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

UR-Away & UR-Away NF

General:

FOR DISSOLVING CURED URETHANES, STYRENES AND ADHESIVES. The UR-Away series are reactive solvents developed for use in the cleaning of manufacturing/production and application equipment where urethanes, styrenes and adhesives are being used and/or produced. UR-Away is a lower cost, slightly less aggressive version of Dynasolve 750. UR-Away NF is a lower cost, slightly less aggressive version of Dynasolve 2000. UR-Away NF is aluminum-safe and non-flammable.

Applications:

1. The UR-Away series will dissolve and remove cured urethanes, styrenes and adhesives.
2. They will swell or dissolve vinyl, polystyrene, Lucite, and Plexiglas. This unique chemical system will not cause discoloration or chemical attack on the following materials:
Plastics: Molded compounds - most phenolics, amine cured epoxy, neoprene, polyethylene, Teflon, Kel-F. **Metals:** Both will not attack magnesium and magnesium alloys, carbon, steel, nickel, electroless nickel plate, silver, gold, beryllium and beryllium alloys, stainless steel or chromium, copper, brass and bronze.
3. UR-Away NF will not attack aluminum even when heated.
4. The UR-Away series will also dissolve many types of silicones and silicone varnishes.
5. They will dissolve partially cured or gelled urethanes from the inside of a static mixer.
6. All of these solvents are effective at the removal of polyurethane, polyurethane foam, and isocyanates from processing equipment.

Specifications:

	UR-Away	UR-Away NF
Color	Colorless to light amber	Blue
Specific Gravity	0.99	1.00
Boiling point	248°F	>400°F
Flash point (Closed Cup)	105°F	>200°F

Directions for Use:

1. Small parts may be immersed in solvents until all cured material is dissolved. Many urethanes and styrenes will dissolve at room temperature. RTV silicones and adhesives require heating the solvent to 200-250°F. If heating is required use explosion proof heaters and exhaust hoods for UR-Away.
2. Use of ultrasonic cleaners or mechanical mixing of the solution will speed up the dissolving rate.
3. After the polymer has been completely dissolved, wash in water or alcohol to remove excess solvent and dissolved polymer. If the surface of the component is milky after washing, the polymer has not been completely removed. Return the component to the solution and allow to remain for an additional amount of time. Repeat the washing cycle.

Note: All solvents will absorb moisture when left open to the air. Keep containers closed when not in use.

Materials of Construction:

Recommended: Teflon, butyl rubber, Kalrez, steel, Halar, melamine, Nylon 101, HDPE, EPDM, polypropylene

Avoid: Viton, PVC, ABS, Buna-N, Durel, Hypalon, Kynar, Lucite, Neoprene, PET, polyester, polysulfone, Ultem, Valox.

Caution:

Safety goggles and impervious gloves should be worn when handling any industrial chemical, including UR-Away and UR-Away NF. 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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