

DYNASOLVE 210

Dynasolve 210 is used for dissolving cured silicones. It was developed to fill a widespread need for a solvent that would dissolve RTV silicones and silicone conformal coatings effectively at room temperature.

General

Dynasolve 210 dissolves silicones quickly and effectively, but it contains methylene chloride and may attack other polymers or coatings such as epoxies and urethanes. Dynasolve 210, when not contaminated by water, will not attack metal or metal components with the exception of aluminum, which may be etched after extended immersion. Contamination of this product with water will result in the formation of acids that can attack most metals and other substrates. Test data indicates that most metals were untouched after a 24-hour immersion in Dynasolve 210.

Applications

Dynasolve 210 is very effective in dissolving the following types of silicones: RTV's, sealants, encapsulants, elastomers, liquid rubbers, adhesives, varnishes, dielectric gels, and conformal coatings.

Specifications

Color:	Amber
Specific Gravity:	1.27
Boiling Point:	104°F
Flash Point:	None

Directions For Use

1. **BY IMMERSION:** use a dry stainless steel or glass container. Cover to minimize evaporation. Make sure part to be stripped is water-free. Immerse the part into solution and allow it to stand at room temperature until silicone has dissolved or can be easily brushed off. Time will vary depending on the type of silicone, the thickness and surface area exposed. Typically, a RTV at a thickness of 1/4" will dissolve in 2-12 hours. Coatings of .030" will dissolve within 5 minutes. The use of agitation or ultrasonics will also reduce dissolving time. It may be necessary to suspend the component in solution so that the material removed will settle to the bottom of the container and not redeposit onto the component. After dissolving is complete, rinse part with alcohol then with water.
2. **BY BRUSHING:** Brush evenly onto silicone coatings or sealants. Let stand for 10-30 minutes; reapply as necessary to keep surface wet. Remove loose silicone with scraper or brush. Repeat if necessary. Rinse surface with alcohol, then with water.
3. **FOR SPOT REMOVAL:** Saturate a cloth or Q-tip and apply to surface. Let stand for 10-30 minutes, reapply as necessary to keep surface wet. Rub with saturated cloth or Q-tip until silicone is removed. Rinse surface with alcohol, then with water.

Caution and Warnings

Dynasolve 210 contains powerful organic solvents. Keep away from contact with water. 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.