

DYNASOLVE 218

Dynasolve 218 is used for dissolving cured silicones. It is a non-flammable version of Dynasolve 220, 225, and 230.

General

Dynasolve 218, with a flash point of 150° F, was developed for situations in which the use of a flammable product would be unacceptable. Although Dynasolve 218 is not as fast acting as Dynasolve 220, 225 and 230, its higher flash point allows it to be heated to speed up the solvating action. Dynasolve 218 is also recommended in cases where Dynasolve 210 cannot be used. Dynasolve 218, when not contaminated by water, will not attack acrylic, metal, or metal components with the exception of aluminum, which may be etched after extended immersion. Contamination of Dynasolve 218 with water will result in the formation of acids that can attack most metals and other substrates.

Applications

Dynasolve 218 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:	0.84
Boiling Point:	>365°F
Flash Point:	150°F

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 ¼" will dissolve in 2-12 hours. Heating the solution to 110 – 125°F can shorten this time. 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 30-45 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 30-45 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 218 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.



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