

# Additives for solvent epoxy floor coatings

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**What solvents are best for epoxy?** Isopropyl Alcohol, Denatured Alcohol, Acetone, Lacquer Thinner. Stronger solvents like isopropyl alcohol, denatured alcohol, acetone, or lacquer thinner will remove epoxy much more quickly. Stronger solvents can often be found at varying concentrations.

**What is the best chemical to clean epoxy floors?** Krud Kutter: Designed as a non-abrasive, water-based cleaner, Krud Kutter is highly effective at removing grease, oil, and grime from epoxy surfaces.

**What is epoxy additive?** Additives are used to give epoxy additional physical properties when used as a coating. Although additives are blended with mixed epoxy in the same two-step process as fillers, they are not designed to thicken the epoxy (see Additives & Pigments).

**What are the components of epoxy floor coating?** EFCs consist of two components, typically described as a part A resin and a part B hardener. The part A resin can be either a clear or pigmented solid-containing material. The hardener is compatible and added to the resin. Together, they cure to form a solid material.

**What solvent cleaner to use on epoxy?** Those of you familiar with methylene chloride will know what I'm talking about! I tend to stick with methylated spirits (or denatured alcohol) where possible and only turn to more powerful solvents like acetone or methyl ethyl ketone (MEK) for cleaning up epoxies that have partially cured.

**What is the true solvent for epoxy?** There are a lot of solvents that can be used to dissolve epoxy. The best solvent for epoxy is acetone, but it is also the most dangerous and will cause skin irritation. Other solvents that work well with epoxy are alcohols, such as ethanol or methanol, and ketones, such as acetone or methyl ethyl ketone.

**What should you not clean epoxy floors with?** Avoid using steel wool or harsh chemicals like comet, they are too abrasive. Use soft-scrub and a moderately abrasive scrubbing pad or brush. Don't ever use any cleaning compounds with citrus or acid in them. Citrus cleaners and vinegar will break down the epoxy catalyst and must be avoided.

**What ruins an epoxy floor?** By addressing common problems like improper surface preparation, mixing ratios, air bubbles, moisture, inadequate curing, chemical exposure, and UV degradation, you can prevent or rectify these issues to ensure your epoxy floor retains its beauty and functionality.

**How do you clean epoxy floor coating?** Epoxy is typically made through a mixture of resins and hardeners and can be harmed with harsher chemicals. So, using water, a mop, and sometimes a mild soap is all you need to get rid of dirt and dust. Ideally, you should use a non-alkaline, gentle cleanser that will not strip any of the coating off.

**What is the difference between epoxy resin and epoxy coating?** Compared to casting resin, epoxy coating resin has relatively shorter processing times. Because the ink layers do not mix, they can be better controlled. Epoxy coating is more resistant to mechanical influence as compared to casting resin. Epoxy coating is suitable on rougher surfaces and is water-resistant.

**What does isopropyl alcohol do to epoxy?** Removing air bubbles: Alcohol can be sprayed onto the surface of the epoxy resin to help eliminate or reduce the presence of air bubbles.

**What does additive F do?** Additive F is for use with Resin Research epoxy resins. It was designed to help prevent air bubbles, eliminate blush, fish-eyes, and improve ease of sanding. The 4 oz. size is sufficient for an entire 3-gallon kit.

**What is better than epoxy floor coating?** Polyurea coatings are stunning, impact-resistant, and waterproof. Unlike epoxy, polyurea coatings are flexible, enabling them to withstand both extreme heat and cold temperatures without cracking or peeling. Our polyurea coatings bind directly to the concrete making it so strong that it comes with a 15-year warranty.

**What is the defect of epoxy floor?** Pinholes, cratering and bubbles are common epoxy flooring problems that give surfaces a blistered look. When your epoxy floor blisters, similar causes of resin peeling may be to blame. If conditions are too cold or direct sunlight hits your curing resin, you could see bubbles.

**How long will epoxy floor coating last?** The longevity of an epoxy floor system will vary based on thickness, use and maintenance. Typically, epoxy floors last between 10 and 20 years; much longer than a painted concrete floor, which will chip and wear quickly in high-traffic areas.

**What is the best solvent for epoxy?** Removing uncured epoxies, like CircuitWorks Conductive Epoxy, presents no special problems. Straight solvents such as acetone, methyl ethyl ketone (MEK) and methylene chloride (dichloromethane), will quickly dissolve the uncured paste.

**What solvents are compatible with epoxy?** Common Solvents Used in Epoxy Formulations Isopropyl Alcohol (IPA): IPA is a versatile solvent commonly used in epoxy formulations due to its moderate evaporation rate and compatibility with various resin systems. It serves as an effective diluent and cleaner, aiding in surface preparation and viscosity adjustment.

**What is the best cleaner for epoxy resin?** Standard cleaners like Windex and similar products from other brands are excellent choices for use in cleaning epoxy resin surfaces. When it comes to cleaning, epoxy often behaves a little like glass, so a good glass cleaner is handy to have around.

**Is acetone or xylene better for epoxy?** If you look on the side of a Xylene container, you will find that a recommended use for Xylene is to clean and or thin 2-part epoxy paints etc. Acetone - although not quite as suitable as Xylene due to its faster evaporation rate, it can also be used as a solvent for 2-part epoxy resins and

finishes.

**Is solvent-based epoxy better than water-based epoxy?** The difference can be as much as half the thickness, so a wet film of 7 mils may result in a dry film of 3 to 3.5 mils. Solvent-based epoxy was the go-to product type for many years. Its advantages over water-based epoxy systems typically included the following: Greater durability and performance.

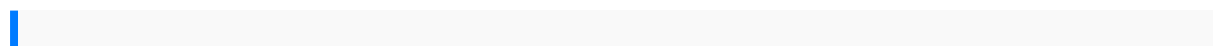
**What is the best solvent for resin?** Formlabs generally recommends the use of isopropyl alcohol (IPA) with a concentration of at least 90% to clean and dissolve uncured resin.

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**What chemical can dissolve epoxy?** Removing uncured epoxies, like CircuitWorks Conductive Epoxy, presents no special problems. Straight solvents such as acetone, methyl ethyl ketone (MEK) and methylene chloride (dichloromethane), will quickly dissolve the uncured paste.

**What is a good release agent for epoxy?** Two of the more popular mold release agents are fluoropolymer based entities (such as PTFE) and polysiloxanes (silicones), although there are certainly a number of other types that are available as well. Mold release agents are typically applied by spraying on to the substrate / housing.

**What is a good solvent for resin?** The most common method of resin removal is with chemical solvents such as IPA (isopropyl alcohol). Degreasing solvents such as IPA and dimethyl adipate will effectively dissolve any hardened resin that is leftover after printing, leaving behind a clean surface, without damaging your machinery.



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