

Are you still using IPA to clean your 3D prints?

What is ResinAway?

Monocure 3D RESINAWAY® is a non-flammable, safe, highly advanced UV resin cleaning solution. It is chemically engineered to quickly & effectively remove any uncured UV photopolymer resin from printed parts without unwanted surface cracks, cloudiness or white residue. It is a perfect cleaner for build plates, vats, instruments & surfaces. It is safer, quicker, more effective and longer lasting than Isopropyl Alcohol (IPA).



Why is it more effective than IPA?



Isopropyl alcohol doesn't effectively break down all the materials in photopolymer resin, it only dilutes it, giving the appearance of cleaning, but becomes saturated very quickly.

This will cause it to be ineffective, leaving residual resin on the parts.

RESINAWAY® is engineered to target the uncured resin as it changes the chemical structure of it to make it soluble with water. Turning a non-water washable resin into one, meaning it can be easily washed away after the part is post cured.

Unlike IPA, RESINAWAY® will not emulsify with the uncured resin on the surface of the print. This can cause the surface to turn cloudy & frosted, taking away from the natural transparency of the resin. If printed parts are left in IPA for an extended period, cracks on the surface will be evident or even worse; it may cause the 3D printed model to crack in weak places.

Is IPA really that dangerous?

RESINAWAY® has been rated non-flammable due to its very low flash point. Unlike Isopropyl alcohol which is considered highly flammable and can easily ignite. IPA should always be kept away from heat, sparks, flames and other sources of ignition. It should certainly not be used in any electronic devices such as ultrasonic cleaners.



IPA poisoning occurs when the liver is no longer able to manage the amount of IPA in the body. Your body can only handle small amounts of isopropyl alcohol. Inhalation poisoning can occur anytime you are around an open container, although working with reasonable quantities of IPA is generally safe, it can cause headaches. Inhaling large amounts of isopropyl alcohol can cause nausea, vomiting, irritation of the nose and mucous membranes, throat irritations, and even difficulty with breathing as coughing can occur making it difficult for you to catch your breath.

RESINAWAY® is more expensive than IPA, how can I justify the extra cost?



Apart from being way more effective & the above-mentioned safety advantages, RESINAWAY® lasts much longer than IPA.

In our controlled lab saturation tests, the feedback from our independent field testers & customers, it's been proven that RESINAWAY® can last more than 20 times longer than IPA! Even though your cost per litre is slightly more upfront, you use much less, so the running costs are more affordable. Saving you time and money.

Take the RESINAWAY® Challenge Today!