

SILPAK, Inc

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ADHESIVES Cyanoacrylates (CA Glue), Epoxy & Silicone

CYANOACRYLATES

MAXI-CURE General Purpose—Thick, 10-25 second CA is best for most plastics and is the best choice for model assembly. When used with INSTA-SET it will fill most voids. It can be carved with a knife or blade and sanded to form a finish indistinguishable from plastic. Its thickness makes MAXI-CURE easier to work with for most applications.

Available Sizes: ½oz, 1oz & 2oz Bottles

INSTA CURE CA adhesive with water-thin viscosity that will wick deep into joints by capillary action and cures within a few seconds. Surfaces to be bonded need to be tight fitting. Good when working with balsa since it penetrates into the wood, forming more than just a surface bond.

Available Sizes: 2oz Bottle

SUPER-GOLD CA with *no odor*, which is *non-foaming* and takes only 2 to 3 seconds longer to bond. SUPER-GOLD is 100% foam safe and will not fog clear parts. SUPER-GOLD is great for attaching *clear parts* in models, although MAXI-CURE is still recommended for all model assembly. Wood can be bonded to white foam in less than 15 seconds. When bonding foam-to-foam, spray a very light fog to one piece and apply SUPER-GOLD to the other before joining. Excessive INSTA-SET may create too much heat, which can melt foam. SUPER-GOLD has a more flexible consistency for better shock absorption.

Available Sizes: ½oz Bottle

INSTA-SET A *catalyst* that allows CA's to quickly cure in thick layers by enhancing the alkaline conditions during polymerization. Applying an additional bead of MAXI-CURE along the seam and then curing it with INSTA-SET significantly enhances a joint's strength. For difficult to bond materials, INSTA-SET can be applied to one surface and CA to the opposite surface. When brought together, they will bond instantly. INSTA-SET is 100% foam safe and can be used on clear plastics.

Available Sizes: 2oz & 8oz Bottles

IC 2000 A rubber toughened cyanoacrylate that forms shock resistant bonds on non-porous surfaces. It has added flexibility for the bonding of metals, fiberglass, rubber and carbon fiber. Setup time is 20-40 seconds and can be accelerated with INSTA-SET.

Available Sizes: ½oz Bottle

UN CURE Debonder for cured cyanoacrylate adhesives. If parts are bonded incorrectly, apply a few drops of this and the CA adhesive will be dissolved within a minute. Once unstuck, clean residue off parts with Acetone or an appropriate solvent, then wash parts with soap and water.

Available Sizes: 1oz Bottle

EPOXY

EPOXY PUTTY PASTE 50/50 Mix Ratio, gray paste epoxy that has a 45 minute work time and 3-4 hour cure. This epoxy is great for hard coating all foams materials. EPOXY PUTTY PASTE is sandable, machinable, and can be smoothed out before final cure with alcohol or water.

Available Sizes: Pint Kit (2lbs) Qrt Kit (4lbs) Gal Kit (16lbs) 5Gal Kit (80lbs)

QUIK-CURE 5min & MID-CURE 15min 50/50 mix ratio epoxy which sets in 5 or 15 minutes and can be handled in 15 or 45 minutes. For full bond strength wait 1 or 3 hours. This material is compatible with most surfaces and can be sanded to finish.

Available Sizes: 4.5oz & 9oz Kits

SILICONE

RTV 4500 One- part, translucent silicone adhesive for bonding and repairing silicone rubber.

Available Sizes: 2.8oz Tubes and 10.3oz Cartridges, and Cases of Each

A-400 A/B Two-part silicone contact adhesive for bonding cured silicone to various surfaces. Creates a thin cure line and is heat resistant to 400F.

Available Sizes: 4oz, Pint and Qrt Kits

MA-200 Appliance contact adhesive with high tack and is water proof. This material is clear and safe for skin contact, Thinner is available.

Available Sizes: 12Gram, 4oz and 1 lb Bottles