

May/June
2016 *in this issue*

Products

V-345, V-3044,
and Dieboard
Adhesives

DIY Corner

Silicone
Coloring Paste,
Carbon Fiber
and Kevlar®

Tech. Q&A

Sticky urethanes,
adhesive freezing
points, how to
dry out solvents

Video Links

Exclusive videos
only for newsletter
subscribers

Closeout

Coming soon -
online direct
ordering for our
Closeout items

New Silicone Rubber



A 1:1 mix ratio is one of the most desired qualities in liquid tooling products. An easy mixing and pouring procedure can save time and stress while working on a project. Two of our most popular and versatile silicone rubber products, V-340 and V-3040, are now available with a 1:1 mix ratio!

Both new products are ideal for prototype mold making and offer excellent detail reproduction and release characteristics. V-345 also has improved resistance to cure inhibition (compared to V-340) while RTV-3044 has been formulated for improved

urethane resin resistance (compared to V-3040).

Features	<u>V-345 Addition Cure Silicone</u>	<u>RTV-3044 Addition Cure Silicone</u>
Mix Ratio	1:1	1:1
Viscosity	25,000 cps	40,000 cps
Hardness	45 Shore A	38 Shore A
Tear Strength	150 ppi	114 ppi
Color	Beige	Clear

For further details and resources such as TDS and SDS, check out the website pages for [V-345](#) and [RTV-3044](#) or contact your local technical representative for samples.

Dieboard Adhesives

We are constantly improving and expanding our dieboard line. That includes all the accessories and related products a diemaker needs! We're excited to feature our current offering of adhesives necessary for diemaking.

F-Bond Cyanoacrylate Adhesive (shown)

Fast-setting cyanoacrylate in three viscosities (thick, medium, and thin) for all your die ejection needs.

Z-Bond Adhesive

Water-based PSA adhesive formulated for slick UV-Coated dieboards. Bonds easily, removes with no residue.

BirchBond

Formulated specifically for bonding two 5/16" birch dieboards in a vacuum press. Leaves no gummy residue in the kerf.



Make sure to check out our website or contact your technical representative for more details or samples!

DIY Corner

Silicone Coloring Pastes



When creating parts or finished products, do you take advantage of the exceptional detail abilities of silicone but find yourself limited by the available color choices? Look no further! Freeman now offers Silicone Coloring Pastes perfect for making any color you need, available on our [main website](#) or [Miapoxy.com](#) for direct ordering capabilities. Use these pastes with [V-345](#), [RTV-3044](#) and [RTV-3040](#). For more information or details, contact your local technical

representative!

EXCLUSIVE NEWSLETTER OFFER

Buy any 4 Silicone Coloring Pastes on Miapoxy.com, get 1 FREE!
Online only with code PASTE. Offer expires 9/30/16.

Carbon Fiber & Kevlar® Fabrics



Need the strength of Carbon Fiber or Kevlar® for creating composite parts? We offer a full line of fabrics for a variety of applications. Take advantage of our overstock sale on Miapoxy.com to stock up. The 20% discount can be used in conjunction with our quantity discount pricing – if you buy more, you'll save more! This offer is valid on our [5 oz. Kevlar 4HS](#), [6K Carbon Fiber 5HS](#) and [6K Carbon Fiber 2x2 Twill](#).

EXCLUSIVE NEWSLETTER OFFER

Select Fabrics **20% off on Miapoxy.com only** with code **FABRIC20**.
Includes Quantity Discount pricing (Buy more, save more!)
Limited to quantities on hand. Offer expires 9/30/16.



Technical Q & A

We feature technical questions in every issue, but if you have questions of your own, our technical support staff is available during normal business hours. Just call (800) 321-8511 (option 5).

Q: Why is my [Freeman 1010 High-Density Epoxy Paste](#) (or [Freeman 1020 Low-Density Epoxy Paste](#)) sticky?

A: If the mixture has become sticky, then it was over mixed. A good rule of thumb is to stop mixing once the color becomes solid. This will mean the material is combined and ready for the next step.

Q: What is the freezing point of [F-Bond Adhesive](#)?

A: The freezing point of the F-Bond is -15°F. F-Bond can freeze without becoming ruined -- it will become stable and is ready to use once thawed.

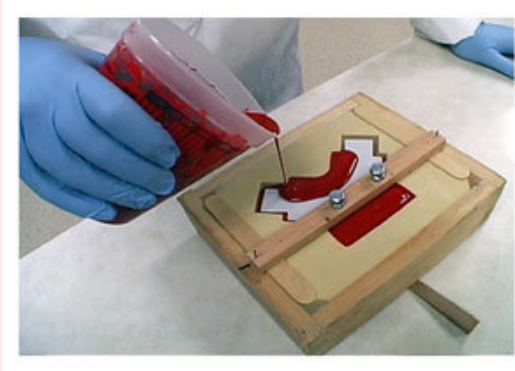
Q: What can I use to dry out solvents?

A: Traditionally, Absorb ALL is used to dry out solvents, but we have also found success with cat litter. Mix

the material with either Absorb ALL or cat litter. Once it has dried, you can discard the waste. You can also use a fan to force the solvent to evaporate.

Exclusive Videos

The following videos are exclusive to newsletter subscribers. New videos will be linked here before they are available anywhere else. Check below to see what's available now. More videos are in development, so be sure to check back.



- **Creating a Part with Freeman Fillers**
(Choose a version) [Quicktime](#) | [Windows Media Player](#)
- [Casting Thin-Walled Parts](#)
- [Casting Molds & Models w/Intricate Detail](#)
- [Multiple Cavity Molds](#)
- [Silicone Rubber Molds w/Complex Parting Lines](#)
- [Building an Epoxy/Fiberglass Mold](#)
- [Vacuum Bagging a Carbon Fiber Part](#)

Don't forget to take advantage of our website for resources such as TDS, SDS, and more for all of our products. Thank you for subscribing to our newsletter, and we look forward to servicing your material needs!

Sincerely,
Freeman Manufacturing & Supply Company

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