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 **March/April**
2017 *in this issue* 

**Product Spotlights, Technical Q&A,
and Exclusive Newsletter Video Links**

Die Making Mallets, Color Tints,
Mixing Color Indicators, and more!

**Our Interactive
Closeout List
is live!**

**DIY-size Products:
Direct Ordering
on Miapoxy.com**

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Matt Wax Joins Freeman Family of Waxes

*Freeman is proud to announce the acquisition of the esteemed premium wax products of **Du-Matt Wax** and its world-renowned line of Matt Wax jewelry carving waxes, tools, and education materials. With the Freeman, Ferris, and Matt-branded waxes all under one roof, we will be able to extend these lines even further and continue to innovate for modern jewelry designers and manufacturers.*



FREEMAN SAFETY MALLETS

Freeman offers **rawhide**



and elastomer mallets for all steel rule die making applications.

We also offer the Safety Mallet, featuring a 4-3/4" extra long head to protect your hands from the rule when working on a die. The long head is a Freeman first in the industry. All mallets come with a foam grip for comfort.



[View Website](#) ►

Contact your technical representative for more details and keep an eye out for more additions to our die making line at FreemanDieSupply.com!

DIY CORNER

Your Guide to Color Tints

Selecting the best tint to use for your material can be a challenge – that's why Freeman did the testing for you. Here's what we found worked best.*

Freeman Color Tints

✓ Urethane ✓ Epoxy ✗ Polyester ✗ Silicone

Specifically for: Urethanes and Epoxies

To use: For Urethanes, mix thoroughly into the Part B or Polyol side before combining with Part A. For Epoxies, add to the resin side before combining with the hardener. 0.01% to 3% of total system weights can produce deep colors.

Color result: Transparent (when using clear resins) or opaque.

Araldite DW Pastes

✓ Urethane ✓ Epoxy ✗ Polyester ✗ Silicone

Specifically for: All Ren Epoxy compounds and most RenCast Polyurethane Elastomers

To use: Add up to 3% by weight of color paste (based on the total weight of resin and hardener) without significantly changing the cured properties of the material!

Color result: Opaque



Polyester Color Pastes



DIY-size products are available for direct ordering at Miapoxy.com!

[View Website](http://Miapoxy.com) ➡

✗ Urethane ✗ Epoxy ✓ Polyester ✗ Silicone

Specifically for: Polyester gelcoats, laminating resins, and repair materials

To use: Maximum concentration should not exceed 3%.

Color result: Opaque

NEW Silicone Coloring Pastes

✗ Urethane ✗ Epoxy ✗ Polyester ✓ Silicone

Specifically for: Clear silicone rubbers such as V-3040 and V-3044 or neutral silicone such as V-345. (The black paste will tint any silicone, but other colors will work best on the materials listed above)

To use: Add up to 3% of total system weight. Cure inhibition may occur if silicone rubber is overloaded with pastes. Add the paste to Part A and mix well before adding Part B.

Color result: Opaque

*We recommend small scale testing to obtain just the right color for your application before applying on a substantial amount of material.

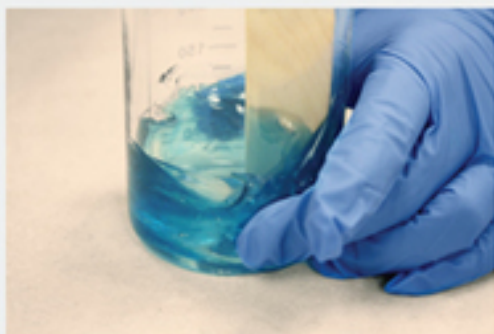
Tech Q&A



Our Tech Team is ready to help!
Monday – Friday, 8 am – 5 pm EST
Just call (800) 321-8511 opt. 5

What can color indicators do for me?

Color indicators allow the user to easily tell when a two-component epoxy adhesive is mixed properly. Freeman's new and improved color indicator in both **Fast Set 505** and **Fast Set 517** changes from blue to clear to indicate a proper mix.

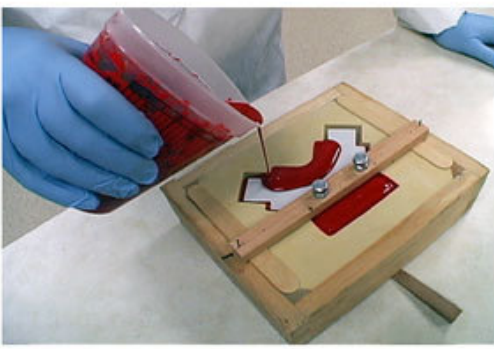


Stay tuned! We are gathering our past Tech Q & A and will provide an archive feature for easy access soon.

Exclusive Newsletter Videos

The following videos are exclusive to newsletter subscribers. New videos will be linked here before they are available anywhere else. Videos available now are below. More videos are in development, so check back in future newsletters. You can also check out the rest of our [video library](#) or purchase the [DVD on eBay](#).

[Creating a Part with Freeman Fillers](#)



[Casting Thin-Walled Parts](#)

[Casting Molds & Models w/Intricate Detail](#)

[Multiple Cavity Molds](#)

[Silicone 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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