FREEMAN
Manufacturing & Supply Company
North America's largest materials supplier for making parts, patterns, tools, and molds

December 2018 *in this issue*

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

NEW Videos now available to view, 15% off Fillers on our DIY website, and RenShape FAQ from our Tech Team!

Our Interactive Closeout List is live!

DIY-size Products: Direct Ordering on Miapoxy.com

Miss our last newsletter? Click here to view!

The 2018 Catalog is NOW AVAILABLE!

140+ Full-Color Pages of:
★ Products & Images
★ Specifications
★ How-To Guides
★ and now Steel Rule Die supplies!

FREEMAN MANUFACTURING & SUPPLY COMPANY
PRODUCT CATALOG

WWW.FREEMANSUPPLY.COM

Request Now!

Create Backups with Freeman 1105 Pourable Foam

Fiberglass / Surface Coat Mold

Pour Freeman 1105

Allow to Expand

Lightweight Backfill

Freeman 1105 is a pourable expanding foam that cures rigid for creating a stable backing structure for a variety of applications. This product is commonly used as a backup material in trim fixtures, laminated molds, and thermoform tools.

- 5 lb./ft^3 Density
- Easy 1:1 Mix Ratio
- 20 min. Demold Time
- Volumetric Expansion of 10x Original Pour
- Yields approximately 300-350 in.^{3} / lb.

Want to see more ways to use Freeman 1105?
Stay tuned for future newsletters where we'll feature different applications for Pourable Foam!

Request Cured Sample

Have questions? Contact our Tech Team at (800) 321-8511 opt. 5 or tech@freemansupply.com!

Tech Q&A

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

Priming and Sealing – Important First Steps

Check out these FAQs for using Semi-Permanent Primers and Sealers as the first steps in creating durable and long-lasting mold surfaces. All of our Accessories are available on our website.

Q: Do you offer a primer and sealer that can handle temperatures over 600°F?
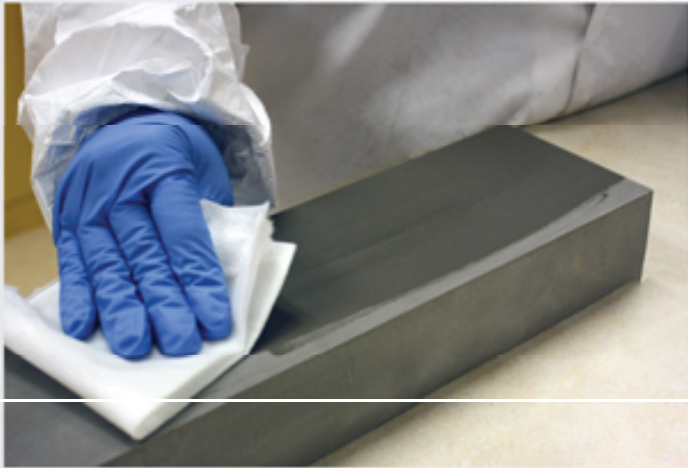
A: Chemlease MPP 2660 Mold Prep & Primer and Chemlease Mono-Coat E308 Sealer can handle temperatures up to 700°F.

Q: Which sealer works best with RenShape 5065 Epoxy Tooling Board?

A: Both Chemlease MPP 117 Mold Prep & Primer and Chemlease MPP 2180 Mold Prep & Primer can be used to seal RenShape 5065. Chemlease 15 Sealer EZ can be used to fill micro porosity of your tool and provide an active surface for your releases.

Q: Do you have a water-based sealer that can handle temperatures over 400°F?

A: We have several water-based sealers to choose from depending on your desired surface. Zyvax Sealproof Mold Release creates a matte surface while Zyvax Sealbrite and Zyvax Sealer GP create a high-gloss surface.

Have questions? Contact our Tech Team at (800) 321-8511 opt. 5 or tech@freemansupply.com!

Exclusive Newsletter Videos

As always, the following videos are exclusive to newsletter subscribers!

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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