



Zyvax® Sealer SF

Water-Based Mold Sealer

Description

Zyvax® Sealer SF is a water-based mold surface sealer that utilizes unique reactive chemistry to form a durable film on the mold surface. Zyvax® Sealer SF helps increase the number a releases per application of release system and protects the mold surface from wear and damage. Used in conjunction with Zyvax® release products, Zyvax® Sealer SF will increase production floor efficiency while enhancing workplace safety. For the mold release system best suited to your needs, see our website: www.chemtrend.com.

Benefits

- Thermal stability: 400 °C (750 °F)
- Fast, room temperature application
- Non-flammable
- Restores vacuum integrity
- Low odor
- Hassle-free shipping and storage
- Durable mold protection
- Wipe-applied
- High gloss

Uses

Zyvax® Sealer SF overcomes micro-porosity in mold surfaces, eliminates the break-in time for new molds and restores a uniform surface when used over a mold repair or patch. Zyvax® Sealer SF can be used on metal or composite molds for molding of most thermoplastic and thermoset resins.

Application Instructions

Before applying Zyvax® Sealer SF:

1. All previous surface treatments, residues, waxes or oils should be removed using a Zyvax® and part cleaner.
2. Apply Zyvax® Sealer SF to a small area of the mold (1-2 ft²; 0.2 m²) using a paper towel or clean lint free cloth. Scrub the product into the mold surface, use a 0°, 90° technique.
3. Covering the application area 4 times per coat, continue wiping until the surface is covered with a thin wet layer of material. While it is still wet, wipe the surface dry using a separate clean paper towel or lint free cloth. Make sure entire mold surface is coated in

this manner, slightly over-lapping the last coated area if you are applying in sections. Be certain that all contours are adequately coated

4. Allow a minimum of 15 minutes cure time before application of next coat. Any visible wipe marks can be buffed out at this time.
5. Apply a second coat of Zyvax® Sealer SF in the same way, and wait for a minimum of 15 minutes before using mold. Four coats are recommended for most substrates. Additional coats can be used for porous or repaired molds. After the final coat of Zyvax® Sealer SF, wait at least 30 minutes before applying release agent.

Safety Data

Safety data sheets for all Zyvax® products are available at www.chemtrend.com and should be consulted prior to use of product.

Storage and Shelf Life

Store product between 5°C and 30°C (41°F and 86°F). Shelf life is 18 months from the date of manufacture, in the original unopened container.

WARNING: *Never puncture any Zyvax® product container.*

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane molding; tire lubes and bladder coatings; Mono-Coat® semi-permanent release coatings; aerosol formulations; mold cleaners and sealers; specialized coatings and application equipment.

While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.