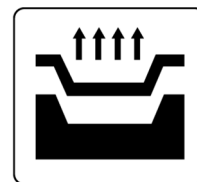




Zyvax® EnviroShield™

Water-Based, Semi-Permanent Release Agent



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Description

Zyvax® EnviroShield™ is a universal water-based release agent. Zyvox® EnviroShield™ chemically bonds to the mold, minimizing transfer to the molded part, or other processing equipment. The product is specifically formulated to prevent build-up on mold and high lubricity allows for quick, effortless demolding. For the correct mold release system best suited to your needs, see our website: www.chemtrend.com.

Benefits

- Thermal stability: 260 °C (500 °F)
- High gloss
- Fast, room temperature application
- High slip / lubricity
- Low odor
- Non-flammable
- Extremely low build-up on mold
- Easy recoat / touch-up

Uses

Zyvax® EnviroShield™ is recommended for applications requiring multiple releases, superior surface finish with high gloss and easy touch-up for seamless production cycles. Zyvox® EnviroShield™ can be used for releasing epoxies, phenolics, polyester resins, polyamides, polybismaleimides, various rubbers and elastomers.

Application Instructions

Before applying Zyvox® EnviroShield™:

1. All previous surface treatments, residues, waxes or oils should be removed using a Zyvox® mold and part cleaner.
2. The mold should be properly sealed with a Zyvox® mold sealer according to the technical data sheet.
3. Apply one light coat of Zyvox® EnviroShield™ to a small area of the mold (1-2 ft²; 0.2 m²) using a clean, lint-free cloth or hand sprayer.
4. Wait approximately 60 seconds, and then wipe the mold surface dry using a separate clean cloth.

5. Make sure the 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..
6. Wait for a minimum of 15 minutes.
7. Apply a second coat of Zyvox® EnviroShield™ in the same way, and wait for a minimum of 30 minutes before using mold.
8. For mold temperatures above 80 °C (180 °F), apply one very light coat of Zyvox® EnviroShield™ and do not wipe off.
Wait for a minimum of 15 minutes before using mold.

Storage

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.

Handling

We believe Zyvox® EnviroShield™ has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Safety Data Sheet.

Packaging

Zyvax® EnviroShield™ is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

WARNING: Never puncture any Zyvox® product container.

Further Information

Request information on our complete range of materials for this industry.

Legal Notice

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