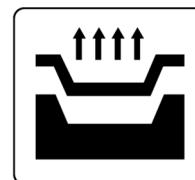


Zyvax® EnviroShield™

Water-Based, Semi-Permanent Release Agent



©2016 Chem-Trend L.P.

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

The technical information and suggestions for use contained herein is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a professional with technical experience. It does not release the customer from the obligation of performing own tests with the product selected for a specific application. While the information and suggestions are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.