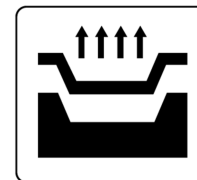# Zyvax® WaterShield™
Water-Based, Semi-Permanent Release Agent

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Description
Zyvax® WaterShield™ is a high performance release coating that has been created to give multiple releases. Zyvax® WaterShield™ is so versatile that it can be used for most molding operations. For the mold release system best suited to your needs, see our website: www.chemtrend.com.

Benefits
- Thermal stability: 260ºC (500ºF)
- Aerospace approved
- Fast, room temperature application
- Easy recoat / touch-up
- Low odor solvent-free
- Non-flammable
- High slip / lubricity
- Wipe-applied
- High gloss

Uses
Zyvax® WaterShield™ is recommended for releasing epoxies, phenolics, polyester resins, polyamides, polybismaleimides, various rubbers and elastomers. Zyvax® WaterShield™ can be used on molds that are exposed to wear or abrasion during the molding and demolding processes.

Application Instructions
Before applying Zyvax® WaterShield™:
1. All previous surface treatments, residues, waxes or oils should be removed using a Zyvax® mold and part cleaner. The mold should be properly sealed with a Zyvax® mold sealer according to the technical data sheet.
2. Apply one light coat of Zyvax® WaterShield™ to a small area of the mold (1-2 ft^2; 0.2 m^2) using a clean, lint-free cloth or hand sprayer.
3. Wait 30 seconds and wipe the mold surface dry using a separate clean cloth. 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.

4. Wait for a minimum of 15 minutes. Apply a second coat of Zyvax® WaterShield™ in the same way, and wait for a minimum of 30 minutes before using mold. For touch-ups, apply a single coat of Zyvax® WaterShield™ as above and allow 30 minutes for cure before using the mold.

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

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

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

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.

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