



A Chem-Trend Brand

P.O. Box 860 • Howell, MI 48844-0860  
517.546.4520 • 800.746.4773  
Fax: 517.546.8910  
Zyvox.com

## Watershield – Solvent-Free Semi-Permanent Release Agent

### Description

Watershield is a high performance release coating that has been created to give multiple releases. 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.zyvox.com](http://www.zyvox.com).

### Watershield Benefits

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

### Uses

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

### How To Use

Before applying Watershield:

All previous surface treatments, residues, waxes or oils should be removed using a Zyvox<sup>®</sup> mold and part cleaner. The mold should be properly sealed with a Zyvox<sup>®</sup> mold sealer according to the technical data sheet.

1. Apply one light coat of Watershield to a small area of the mold (1-2 ft<sup>2</sup>; 0.2 m<sup>2</sup>) using a clean, lint-free cloth or hand sprayer.
2. 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.
3. Wait for a minimum of 15 minutes.

4. Apply a second coat of Watershield in the same way, and wait for a minimum of 30 minutes before using mold. For applications to molds above 80°C (180°F), use Zyvox<sup>®</sup> solvent-free release agent Enviroshield. For touch-ups, apply a single coat of Watershield as above and allow 30 minutes for cure before using the mold.

### Safety Data

Material safety data sheets for all Zyvox<sup>®</sup> products are available at [www.zyvox.com](http://www.zyvox.com) and should be consulted prior to use of product.

### Storage & 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.

### Use Life

Use life of product is 60 days from opening the container. Product must be kept in the original container and the lid replaced immediately after dispensing. After opening, the product should be stored properly.

**WARNING:** *Never puncture any Zyvox<sup>®</sup> product container.*

*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*