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Watershield V – Solvent-Free Release Agent

Description

Watershield V is a refined formula that should be used for high temperature applications, when spraying is the desired application method, where re-application after each part is specified or when it is not possible to do a "wipe off" step. For the mold release system best suited to your needs, see our website: www.zyvax.com.

Watershield V Benefits

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

Uses

Watershield V is recommended for releasing epoxies, phenolics, polyester resins, polyamides, polybismaleimides, various rubbers and elastomers. Watershield V is specified for applications where the use of flammable products or solvent based materials are not desired.

How To Use

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

1. Apply one light coat of Watershield V to a small area of the mold (1-2 ft²; 0.2 m²) using a clean, lint-free cloth or hand sprayer.
2. Wait approximately 60 seconds, and then 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 V in the same way, and wait for a minimum of 30 minutes before using mold. For mold temperatures above 80 °C (180 °F), do not wipe off. For touch-ups, apply one coat of Watershield V as above and wait for a minimum of 30 minutes before using mold.

Safety Data

Material safety data sheets for all Zyvox® products are available at www.zyvax.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 of container. Product must be kept in the original container and the lid replaced immediately after dispensing.

WARNING: Never puncture any Zyvox® 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