

# WATERWORKS

Aerospace Release System



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## PREFLIGHT

### DESCRIPTION

**PREFLIGHT** is a mold surface conditioner developed to treat both the chemical and physical bonding sites found on every "raw" mold surface to prepare for the application of **DEPARTURE** release agent. This step, which only needs to be taken once per cleaning cycle, will dramatically increase both the life of the mold and the performance of the release coating. In addition to these benefits, you can expect improved appearance of parts and a reduced need for post finishing.

### PREFLIGHT BENEFITS

- \* Environmentally safe
- \* No CFCs, VOCs, or ODCs
- \* No odor - solvent and alcohol free
- \* Non-flammable and safe to use
- \* Exempt from REACH requirements
- \* Thermal stability - 340 °C ( 650 °F)
- \* Restores vacuum integrity
- \* No respirator required
- \* Hassle-free shipping and storage

### USES

**PREFLIGHT** is a hard coating specifically formulated to create a barrier on the mold surface providing protection and overcoming micro-porosity problems. **PREFLIGHT** reduces downtime by increasing the number of molding cycles between cleanings. **PREFLIGHT** is strongly recommended to restore a uniform mold surface over a repair or patch.

### HOW TO USE

Before applying **PREFLIGHT**:

- ✓ All previous surface treatments, residues, waxes or oils should be removed using **FRESH START** or another ZYVAX mold and part cleaner.
1. Wet applicator cloth with **PREFLIGHT** and apply a thin coat to small sections. DO NOT WIPE OFF.  
Allow 15 minutes cure time before applying second coat.
  2. Wipe on second coat, immediately wipe off. Wait 15 minutes.
  3. Wipe on third coat, immediately wipe off. Wait 15 minutes.
  4. Wipe on fourth coat, immediately wipe off then heat-cure for 15 minutes at 80 °C (180 °F.)  
The mold surface is now ready for the application of **DEPARTURE** release coating.

### SAFETY DATA

Material safety data sheets for all ZYVAX products are available at [www.zyvax.com](http://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 12 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. After opening, product should continue to be stored properly. Maximum product life is not to exceed 12 months from Date of Manufacture. **WARNING:** *Never puncture any ZYVAX product container.*

### LIMITATIONS OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance, and are subject to change without prior notice. User must contact **ZYVAX** to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to **ZYVAX** quality control. We assume no responsibility for coverage, performance, or injuries resulting from its use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY **ZYVAX**, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING FITNESS FOR A PARTICULAR PURPOSE.