

WATERWORKS

Aerospace Release System



PreFlight

Non-Hazardous Tool Surface Conditioner

AQMD certified

DESCRIPTION

PreFlight is a tool surface conditioner developed to treat both the chemical and physical bonding sites found on every "raw" tool 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 tool 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.

BENEFITS

- Provides desirable tool surface attributes
- Protects and extends useful tool life
- Increases life of release coating
- Restores vacuum integrity
- Ready-to-use dispenser packaging
- No fumes or bad solvent odors
- Non-flammable and Non-hazardous
- No special storage requirements
- People safe (no gloves or respirators required)
- ENVIRONMENTALLY SAFE

TYPICAL PROPERTIES

Appearance/Odor: White liquid/neutral odor

Carrier: Water

Flash Point (c.c.): None

USES

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

SURFACE PREPARATION

Before applying *PreFlight*, remove all previous contaminants and release coatings using *Fresh Start*.

HOW TO USE

1. Wet applicator cloth with *PreFlight* and apply a thin coat to small sections. DO NOT WIPE OFF.
2. Allow 15 minutes cure time before applying second coat.
3. Wipe on second coat, immediately wipe off. Wait 15 minutes.
4. Wipe on third coat, immediately wipe off. Wait 15 minutes.
5. Wipe on fourth coat, immediately wipe off then heat-cure for 15 minutes at 180°F (83°C).

The tool surface is now ready for the application of *Departure* release coating.



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- Squeeze bottle
- Gallon
- 5 gallon can
- 55 gallon drum



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