

# WATERWORKS

Aerospace Release System



## Departure

### Non-Hazardous Release Agent

AQMD certified

#### DESCRIPTION

*Departure* release agent has been specifically formulated to meet the high performance requirements of the Advanced Composites industry by providing consistent, effortless releases without buildup on the tool. *Departure* is a versatile, non-hazardous polymer that chemically bonds to the tool surface. *Departure* is thermally stable up to 500° F. (260° C.).

#### BENEFITS

- Specifically formulated for the dryer pre-pregs
- Low surface energy for effortless, multiple releases
- Eliminates porosity by improving resin flow
- Easy application by spraying or wiping
- No special storage requirements
- People safe (no gloves or respirators required)
- No fumes or bad solvent odors
- Non-flammable and Non-hazardous
- ENVIRONMENTALLY SAFE

#### TYPICAL PROPERTIES

Appearance/Odor: White liquid/neutral odor

Carrier: Water

Flash Point (c.c.): None

#### USES

*Departure* meets the requirements for "Clean Chemistry" and was specifically developed for releasing thermosets, thermoplastics and pre-pregs. *Departure* is suitable for all manufacturing processes used in molding and bonding advanced composite structures.

#### SURFACE PREPARATION

*Departure* should ONLY be applied over a properly cleaned and conditioned tool surface. *PreFlight* or *AeroSeal RTC* are solvent-free conditioners in the WaterWorks line.

#### HOW TO USE

1. Apply *Departure* on a properly prepared surface.
2. Spray or wipe a light coat. DO NOT OVER APPLY AS THIS WILL NOT IMPROVE PERFORMANCE.
3. Wait one minute, then buff off with a clean cloth.
4. Let cure for 15 minutes.
5. Repeat steps 2 and 3 for a second coat.
6. Allow 30 minutes room temperature cure before layout of materials.



### Departure

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- Spray Bottle
- Wipes \*
- Gallon
- 5 Gallon can
- 55 Gallon drum

\* See wipes data sheet



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