

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 two minutes 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

Non-Hazardous Release Agent

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

* See wipes data sheet



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