



Chemlease®

FIBERGLASS-REINFORCED PLASTIC

Chemlease® FRP & Cultured Marble

With the broadest and most comprehensive semi-permanent product line in the industry, Chemlease® is the answer to your most difficult release concerns. Whether it's plugs and masters, small-part production, hulls or decks, or open or closed molding, Chemlease® technology delivers the right product for your application.

APPLICATION DATA FOR SUPERIOR RELEASE

Step 1: Clean (Choose one)

- Chemlease® Mold Cleaner EZ:** A heavy-duty, solvent-based cleaner formulated to dissolve waxes and buffing compounds without removing the semi-permanent coating layer.
- Chemlease® Mold Cleaner 1010W:** A water-based cleaner formulated to remove waxes, buffing compounds and semi-permanents, including sealers and topcoats.

Step 2: (Optional) Prime

- Chemlease® MPP 712 EZ:** A unique, heavy-duty mold primer that seals mold porosity, brings worn tooling back to life and increases topcoat durability.

Step 3: Seal (Choose one)

- Chemlease® 15 Sealer EZ:** A high-performance sealer formulated to condition mold surfaces by reducing porosity and acting as a protective barrier for new or reconditioned molds.
- Chemlease® Sealer 2697:** A high-gloss, solvent-based, semi-permanent sealer which affords easy application in one step using a wipe-on-only technique.

CHEMLEASE® SEMI-PERMANENT TECHNOLOGY DELIVERS:

- Multiple releases
- High thermal stability
- Virtually no transfer
- Multiple slip levels or slip levels for all applications or high, medium, and low slip grades
- Easy release on the most aggressive composite resins
- High-gloss or matte finish
- Low to no buildup
- Easy application

Step 4: Topcoat (Choose one)

- Chemlease® 2721:** A high-gloss release specifically formulated for large parts and hulls where pre-release may be a concern.
- Chemlease® 75 EZ:** A multiple-release formula for large parts. Also suitable for the production of high-gloss surfaces with or without gelcoat.
- Chemlease® PMR EZ:** Our most popular high-gloss, multiple-release formula for composite molding, specifically designed for smaller parts and decks. Chemlease® PMR-90 EZ provides excellent slip for deep-drafted parts.
- Chemlease® One FS™ EZ:** An easy-to-apply, wipe-on-only or spray-on-only, multiple-release formula for high-gloss composite molding.
- Chemlease® 2196W:** A water-based, multiple-release formula for high-gloss composite applications.
- Chemlease® 2185 EU:** A hybrid liquid wax and semi-permanent formulation providing a high-gloss finish with multiple release capabilities.
- Chemlease® 2710:** A high-gloss, multiple release product formulated to handle challenging release applications and affords easy application in one step wipe-on-only technique.

Composite Selector Guide

	APPLICATION TYPE	NUMBER OF COATS	CURE TIME BETWEEN COATS (MINUTES)	FINAL CURE TIME PRIOR TO MOLDING (MINUTES)
TOPCOATS Class A Finish (High Gloss)				
Chemlease® 2721	Wipe on, wipe dry	3 to 5	15	30
Chemlease® 2185 EU	Wipe on, buff off	5	Dry	30
Chemlease® One FS™ EZ	Wipe on, allow to dry	3 to 5	15	30
Chemlease® 75 EZ	Wipe on, wipe dry	3 to 5	15	30
Chemlease® PMR EZ	Wipe on, wipe dry	3 to 5	15	30
Chemlease® 2710	Wipe on, allow to dry	5 to 7	15	30
Chemlease® PMR-90 EZ	Wipe on, wipe dry	3 to 5	15	30
TOPCOATS Non-class A Finish				
Chemlease® R&B EZ	Wipe on*	3 to 5	15	30
SPECIALTY TOPCOATS (High Gloss)				
Chemlease® One FS™ EZ	Spray on	3 to 5	0	30
Chemlease® 2196W	Wipe on, buff for high gloss	5 to 7	15	60
SEALERS (High Gloss)				
Chemlease® 15 Sealer EZ	Wipe on, wipe dry	1 to 2	15	30
Chemlease® Sealer 2697	Wipe on, allow to dry	1 to 2	15	30
PRIMERS				
Chemlease® MPP 712 EZ	Wipe on, wipe dry	1 to 2	30	60
CLEANERS				
Chemlease® Mold Cleaner EZ	Wipe on, wipe off	N/A	N/A	N/A
Chemlease® Mold Cleaner 1010W	Wipe on, wipe dry	N/A	N/A	N/A
INTERNALS				
Chemlease® IM02	Add to resin	N/A	N/A	N/A

* Wiping off excess material will enhance part appearance

When experiencing low humidity conditions in the shop, the customer may find the need to extend the time between coats and increase the number of coats applied to the mold. 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. Please refer to individual data sheets for further application, safety and handling information.

Contact Chem-Trend to find out more about how our release agents and specialty products can improve your composites operations.

