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TR-900 MULTI-PULL LIQUID SEMI-PERMANENT RELEASE

DESCRIPTION:

TR-900 is a high temp semi-permanent release coating which dries rapidly under atmospheric conditions, bonding an ultra thin clear release film to the mold surface. Exceptional multiple releases per application for various polyester molding processes and other resin fiberglass fabrication.

PRODUCT FEATURES:

- ★ Excellent hi-temp properties (Thermally Stable 750°F)(400°C)
- ★ Multiple release per application
- ★ Rapid cure time speeds production cycle
- ★ No pre-release or transfer
- ★ Wipes to high gloss finish
- ★ Easily recoats without build-up

SUGGESTED USES: An effective multiple release agent for the FRP and related molders

- ★ Open mold hand or spray lay-up
- ★ Compression molding
- ★ Injection molded parts
- ★ Vacuum bag
- ★ Resin transfer molding (RTM)

APPLICATION: Always use and apply with a clean, lint-free 100% cotton white cloth (no synthetic blends). Clean mold surface thoroughly of all previous release agents and sealers using the TR-905 mold prep solvent. Surface should be completely dry and free of any contaminants. Apply TR-900 by wiping a thin wet coat onto a small area (approx. 3 x 3 ft.) of the mold surface starting at an end point of the mold. (Do not apply heavily or excessively wet). While the release film is still wet, wipe gently with another clean dry cotton cloth, turning and changing cloths as required for proper drying. Avoid excessive hard rubbing or wiping of the treated surface which ensures a more uniform and effective film deposit. Apply each application overlapping the previous small area until the entire mold surface is complete. Repeat this for 3-4 coats to the entire mold surface allowing minimum 15 minutes between coats and 30 minutes after final coat. Maximum results obtained if mold is allowed to stand overnight before first use. A touch-up coat is recommended for the first 2-3 initial releases to maximize mold conditioning and durability. When spraying, use a dry air source or airless spray, applying in a thin continuous smooth film, avoiding excess flooding or runs. Wipe with a clean dry cotton cloth as noted in wipe application.

NOTE: Recommend use of TR-910 SEALER on new or green or repaired molds, more porous or rough mold surfaces for maximum performance of the TR-900 RELEASE.

PHYSICAL PROPERTIES:

Solvent Carrier: Blend of aliphatic and aromatic naphtha solvent

Specific Gravity: 0.87

Wt./Gal.: 7.25 lbs./Gal.

Coverage: Approx. 1200 Sq. Ft./Gal.

Cure Time: Approx. 15 min. at Room Temp. (75°F) between coats and 30min after final coat

Appearance: Clear thin liquid with characteristic odor.

Cure Method: Chemical reaction with atmospheric moisture following solvent evaporation

STORAGE AND PRECAUTIONS:

TR-900 contains flammable solvents. Keep away from spark, open flame or other sources of ignition. Store in a cool dry place and keep in original unopened container. Product will react with atmospheric moisture and container should be kept tightly closed when not in use. Avoid creating static discharge, do not use microfiber cloth.

PACKAGING:

Available in gallon 4x1 case, 5 gallon pail and 55 gallon drum. Please contact your local TR distributor or call direct.

FOR INDUSTRIAL USE ONLY

The information contained herein is based on tests considered to be reliable and accurate. Because of the wide variance of associated materials and conditions, no warranty is expressed or implied. Each user is encouraged to prepare a test part for their particular application.