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TR-920 MULTI-PULL LIQUID SEMI-PERMANENT RELEASE

DESCRIPTION:

TR-920 is a high-temp multiple capability semi-permanent release coating which cures under atmospheric conditions, bonding a durable thin clear release coating to the mold surface. Multiple releases per application for polyester, epoxy, polyimides, BMC, SMC, and various other advanced resins in fiberglass or graphite composite molding processes.

PRODUCT FEATURES:

- ★ Excellent hi-temp properties (Thermally Stable to 900°F)
- ★ Multiple releases per application
- ★ Ease of application and fast cure time
- ★ No pre-release or transfer
- ★ Wipes to a 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 all cotton cloth (no synthetic blends). Clean mold surface thoroughly of all previous release agents and sealers using the TR-905 mold prep solvent. Mold surface should be completely dry and free of any contaminants. Apply TR-920 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. 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 subsequent release coat overlapping the previous small area until complete mold surface is covered. Repeat this for 3-4 coats to the entire mold waiting 15 minutes between coats. Cure time of the final release film at room temperature (75°F) is approximately 30 minutes. Additional 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. Polish wipe with a clean, dry, cotton cloth as noted in wipe application.

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

PHYSICAL PROPERTIES:

Solvent Carrier: Blend of aliphatic and aromatic naphtha solvent

Specific Gravity: 0.875

Wt./Gal.: 7.3 lbs./Gal.

Shelf Life: 1 year from date of manufacture

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

Cure Time: Approx. 10 min. at Room Temp. (75°F)

Appearance: Clear thin liquid with characteristic odor.

Cure Method: Chemical reaction with atmospheric moisture following solvent evaporation.

STORAGE AND PRECAUTIONS:

TR-920 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.