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TR-900FD **MULTI-PULL** **LIQUID SEMI-PERMANENT RELEASE**

DESCRIPTION:

TR-900FD is a high-temp multiple capability semi-permanent release coating which cures under atmospheric condition, bonding a durable thin, clear release coating to the mold surface. Multiple releases per application for high gloss polyester gel coat applications.

PRODUCT FEATURES:

- ★ High Temperature properties (700°F)
- ★ Multiple releases per application
- ★ Fast cure – wipe on – wipe off application
- ★ Durable high gloss coating
- ★ Easily recoats without build-up

USES:

- ★ Open mold hand or spray lay-up
- ★ Cast polymer/solid surface
- ★ Large parts - marine, RV, bus, transit, etc.
- ★ Non gel-coat polyester applications
- ★ Polyester high-gloss applications

APPLICATION:

Clean mold surface thoroughly of all previous sealers and release agents using TR-905 mold prep solvent. Light abrasive compounding may be necessary to remove the various types of release agents or sealers previously used. After compounding, first water wash and wipe dry to remove compound residue. Then completely clean the mold surface with TR-905 mold prep solvent.

TR-900FD may be applied to mold surfaces up to 115°F by wipe application. Use an ALL-COTTON cloth when wiping to avoid possible binders in other fabrics dissolving from solvent carriers. Surface should be completely dry and free of any contaminants. Saturate rag and apply by wiping a thin wet coat onto a small surface area (approx. 3' x 3' maximum) of the mold starting at an end point. Lightly or gently spread with a second clean dry cotton cloth changing as necessary to ensure adequate even drying without any streaking. Do not wipe off completely or until dry. In warmer weather (>95°F or 35°C) solvent evaporation may be accelerated requiring smaller application area (1' x 1') to avoid streaking. For initial break-in, apply 5-6 coats. Allow 15-20 minutes between each application and 30 minutes after final application for solvent release and cure. Recoat for the first 2-3 initial pulls or de-molding to aid full conditioning and mold life. Recoat will vary depending upon mold design or materials. Apply again at first sign of release difficulties.

NOTE: Use of TR-910 sealer is recommended to use prior to TR-900FD to improve initial release and aid in new tool conditioning.

PHYSICAL PROPERTIES:

Solvent Carrier: Blend of hydrocarbon naphtha

Specific Gravity: 0.77

Wt/Gal.: 6.41lbs./Gal

Cure Time: Approx.: 15-20min. between coats and 30min after final coat at room temp (70°F)

Appearance: Clear colorless with characteristic odor

Cure Method: Chemical reaction with atmospheric moisture following solvent evaporation

STORAGE AND PRECAUTIONS:

Contains flammable solvents. Store in a cool dry place and keep in original un-opened container away heat, open flame and sparks. Product will react with atmospheric moisture and container should be kept tightly closed when not in use.

PACKAGING:

Available in gallon 4x1/cases, 5 gallon 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.