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TR-910 MULTI-PULL LIQUID SEMI-PERMANENT SEALER

DESCRIPTION:

TR-910 is a resilient moisture cure film forming polymer sealer which acts to seal the mold surface before application of the TR-900 SERIES MULTI-PULL semi-permanent release agents. Effectively seals new or green molds and freshly repaired polyester fiberglass molds.

PRODUCT FEATURES:

- ★ Hi-temp properties (thermally stable 750°F)(400°C)
- ★ Protects against styrene attack and maximizes performance of the 900 Series Release
- ★ Aids break-in release and seals micro-porosity
- ★ High gloss finish
- ★ Low odor
- ★ Minimal mold build up
- ★ Compatible with most release agents

SUGGESTED USES:

A base coat or sealer applied to fiberglass, metal or composite tooling prior to application of the 900 Series Multi-Pull Release. Recommended for all types of polyester molding, epoxy molding and other thermo-set molded fiberglass or graphite reinforced applications.

APPLICATION:

Clean mold surface thoroughly of all previous sealers and release agents using TR-905 mold cleaner. 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 the TR-905 Mold Prep Solvent. See 905 Product Data Sheet.

Apply the TR-910 sealer to a small area (approx. 3'x3') using a 100% cotton white cloth in a thin, wet continuous film. While still wet, gently wipe with a second clean, lint free cotton cloth to spread wet coating leaving a thin uniform film allowing solvent to evaporate leaving a high gloss finish on mold. Do not wipe off completely. Start at one end of mold surface and continue until entire mold has been sealed. Apply two coats waiting 15 minutes between coats and 30 minutes after final coat before applying release coat. When spraying, use a dry air source or airless spray gun, applying in a thin continuous smooth film, avoiding excess flooding or runs. Keep spray tip approximately 10-15 inches from mold surface. While still wet, gently wipe with a clean lint free cotton cloth as noted in wipe application.

NOTE:

For maximum high temperature molding performance cure sealer at 150°F for 15 minutes or allow longer ambient temperature overnight cure.

PHYSICAL PROPERTIES:

Solvent Carrier: Blend of aliphatic and aromatic naphtha solvent

Specific Gravity: 0.82

Wt./Gal.: 6.8 lbs./Gal.

Shelf Life: 1 year from date of manufacture

Coverage: Approx. 800 Sq. Ft./Gal.

Cure Time: Approx. 15-20 min. at Room Temp. (70-75°F)

Appearance: Clear thin liquid with characteristic odor.

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

STORAGE AND PRECAUTIONS:

TR-910 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.