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TR-214PC POLYMER WAX RELEASE

DESCRIPTION: TR-214PC is a liquid mold release formulated with high temperature waxes and proprietary polymer technology for increased production efficiency on FRP tooling and other hard surface molds.

PRODUCT FEATURES:

- ★ Blend of waxes with durable polymer technology
- ★ Reduces excessive styrene/wax accumulation – maintains or aids gloss retention
- ★ Provides high gloss finish and excellent slip for easy de-molding
- ★ Easy application & buffing without streaking
- ★ Economical providing multiple releases for most applications

USES:

TR-214PC is a liquid release agent for use on polyester, epoxy, metal, wood and other hard surface molds

- ★ Open mold hand or spray lay up
- ★ Cast polymer & polymer concrete
- ★ Resin transfer/injection (RTM) & (RIM)
- ★ Vacuum bag and compression molding
- ★ Polyester, epoxy & urethane resins

PHYSICAL PROPERTIES:

Specific Gravity: 81 (6.75lbs./Gal)

Flash Point: 64°F (18°C) TCC

Dry Time: 10 minutes approx. (varies dependent on ambient temperature and amount applied)

Thermal Stability: 500°F (260°C)

Viscosity: Thin light yellow liquid

APPLICATION: Apply by either wipe or spray method. For wiping, saturate a soft 100% cotton cloth and apply an even uniform coat. Allow the wax release to dry to a haze (approximately 10-15min) depending on amount applied and ambient temperature and polish with dry cotton cloth to a high gloss if desired. When spraying use 35-50psi air pressure to produce a fine mist and deposit a uniform slightly wet film avoiding excess flooding. Wipe with soft cotton cloth when wax film dries to haze. Initially on new or reconditioned molds apply a minimum of 4 coats to seal mold surface and provide sufficient film thickness for multiple releases. Allow 30 minutes after final coat for release to cure before beginning molding process. Follow with a coat of release for the first 2-3 parts released. Then determine how many parts can be effectively produced before re-waxing is required. This will vary depending on mold condition, configuration, resin, mold cycles, effective cure of gel coat or resin and other factors. Polish step can be omitted for applications not requiring a high gloss cosmetic finish on molded part (flanges/edges, non gel coated parts, polymer concrete, etc.).

NOTE: If using as a sealer prior to paste wax, apply 2 coats as stated above waiting 30min after final polish step. Shake well before use and periodically while using. Keep container tightly closed when not in use to prevent moisture sensitive reaction.

STORAGE AND PRECAUTIONS: Release contains flammable solvents. Store in a cool dry place and keep in original unopened container away from heat, open flame and sparks. This product should be used in well ventilated area.

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.