

Stoner

TraSys[®] 423

Water Based Mandrel Release Coating

Product Description

Trasys[®] 423 mold mandrel release coating is a water-based dispersion designed for water stripping operations and can be applied to flexible or rigid mandrels. When applied to a mandrel, it exhibits outstanding release or anti-stick properties and has a very low coefficient of friction. It is clean, non-oily, non-staining, chemically inert, and can function in temperatures to 260°C (500°F) or higher.

Uses

Trasys[®] 423 mandrel release coating has unique properties, making it an excellent release agent for all types of rubber, fluoropolymer, and plastic. Unlike oily release agents, when properly applied, it does not cause hose tube pitting.

Direction for Use

Trasys[®] 423 mandrel release coating should be applied to clean, dry surface. The following are suggested methods of application.

Recommended Procedure

1. Dipping or Flooding—The easiest and most widely used method for applying TraSys[®] 423 mandrel release coating. A wiper system should be used to strip off excess amounts, ensuring a thin, even coating over the entire length of the mandrel.
2. Spraying—Particularly effective in depositing a very thin coating with excellent adhesion. This system can be used with a hand spray gun or with automatic spray heads, which can be operated intermittently or continuously.
3. Maximum performance can be achieved by applying up to 4 coats, waiting 5 minutes between coat.
4. Wiping or Brushing—Very effective for coating small amounts of mandrels or selected areas on a mandrel.

Regardless of method of application, the coating must be dried completely before use.

Storage and Handling

Contact with the skin should be avoided. Adequate ventilation must be provided in work areas. Breathing vapors should be avoided. If spraying, care should be taken to avoid inhaling mist or vapors, just as sprayed paint inhalation should be avoided. Vapor may develop slight pressure. Therefore, care should be exercised when opening containers. Containers should be closed promptly after removing part of the contents to avoid evaporation. If this product is exposed to extreme heat conditions from misuse or equipment failure, toxic decomposition products that include hydrogen fluoride can occur. Hydrogen fluoride has an ACGIH threshold limit value of 3 parts per million parts of air as a ceiling limit, an OSHA permissible exposure limit (PEL) of 3 ppm of fluoride as an 8-hr time-weighted average, and 6 ppm of fluoride as a short-term exposure limit (STEL). Always wash hands after handling TraSys[®] 423 release coating.

Shelf Life

Trasys[®] 423 has a shelf life of 18 months from the date of manufacture printed on the container label.

Packaging

Trasys[®] 423 is available in:

- Cases of 4x1-gallon Part # TRA423GLXX2
- 5-gallon pails Part # TRA423PLXX2
- 55-gallon drum Part # TRA423DRXX2

Technical Assistance

Call: 800-227-5538 or 1 (717) 786-7355
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NO RISK GUARANTEE. Stoner Molding guarantees 100% satisfaction or your money back. If you're ever dissatisfied with any Stoner Molding product, simply return the unused portion for a full refund.



Stoner Molding Solutions
You Mold It. We Release It.