

Ease Release™ 500

Dry Film Mold Release Agent

Mann
RELEASE TECHNOLOGIES™
www.smooth-on.com

PRODUCT OVERVIEW

Ease Release™ 500 is a TEFLON™-like dry film mold release (and dry lubricant) that contains no silicones, oils or wax. Ease Release™ 500 is non-migrating and non-staining. It is effective and improves efficiency in many molding processes including injection, compression, transfer, vacuum form and die cast molding.

Features:

- Fast drying
- Effective over a broad temperature range from 70°F to 400°F
- Easy to apply
- Non staining, non migrating
- Inert with outstanding thermal and chemical stability

Provides:

- Excellent release
- Matte surface finish on molded parts
- Ease of post finishing molded parts

PROCESSING RECOMMENDATIONS

PREPARATION...

CONTENTS FLAMMABLE: Keep product away from flame and all ignition sources. Use this product in a properly ventilated area with at least room size ventilation. Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk. Store and use material at room temperature (73°F/23°C).

EASE RELEASE™ 500 APPLICATION USING METAL MOLDS

USE ONLY WITH ADEQUATE VENTILATION: Do not heat molds above 500°F

1. Thoroughly clean your mold with mold cleaner 2508 or any suitable Mann mold cleaner to remove all traces of previous coatings and oils.
2. Applying Ease Release™ 500. Hold aerosol can 6 to 8 inches from the mold surface and apply a light, even coating. Use disposable paint brush to brush release agent over all surfaces. Apply a final light mist coating and let dry for 15 minutes.
3. Ease Release™ 500 is fast drying and requires no baking during the normal molding process.
4. Reapply a light coating before each molding.

Because no two applications are quite the same, a small test application to determine suitability is recommended if performance of this material is in question.

Safety First!

The material safety data sheet (MSDS) for this or any Smooth-On product should be read before using and is available on request. All Smooth-On products are safe to use if directions are read and followed carefully.

Be careful.

EASE RELEASE™ 500 AEROSOL - CONTENTS UNDER PRESSURE. FLAMMABLE: Keep product away from heat, sparks, flames or open flame. Do not puncture, or incinerate container. Do not expose to heat or store at temperatures above 120°F/48°C. Use only with adequate ventilation. Contains halogenated hydrocarbon/ether blend, CAS # n/a.

First Aid: If swallowed, do not induce vomiting. Call physician immediately. If overcome by vapors, remove person from contaminated area. Do not give epinephrine. For eye contact, flush eyes thoroughly with water for 15 minutes. For skin contact, wash thoroughly with warm soapy water.

Note: Inhalation of high concentrations of vapor can cause central nervous system depression and/or heart irregularities. May generate toxic gases on contact with open flame. EYE IRRITANT. Wear eye protection. Avoid contact with eyes and prolonged or repeated contact with skin. Use only as directed. Keep out of reach of children.

IMPORTANT - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe a copyright or patent. User shall determine suitability of the product for the intended application and assume all associated risks and liability.



Call Us Anytime With Questions About Your Application

Toll-free: (800) 381-1733 Fax: (610) 252-6200

www.smooth-on.com is loaded with information about mold making, casting and more.

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