

Ease Release™ 300

Release Agent For Polyurethane And Epoxy

Mann
RELEASE TECHNOLOGIES™
www.smooth-on.com

PRODUCT OVERVIEW

Ease Release™ 300 is a high performance, production proven release agent formulated for polyurethane elastomers and epoxy resins along with excellent release of polyurethane elastomers and microcellular foams. Ease Release™ 300 leaves very little build-up on the molds resulting from isocyanate or epoxy reactions, while maintaining part cleanability with common degreasing solvents. Cleaned parts molded with Ease Release™ 300 can be painted and bonded. Ease Release™ 300 is effective on all mold surfaces such as steel, aluminum, chrome, epoxy, and RTV urethane and silicone mold materials.

Features:

- Easy to apply
- Fast drying
- Effective over a broad temperature range from 70°F to 500°F

Provides:

- Excellent release
- Shiny finish
- Precise duplication of mold details
- Good surface finish to molded parts
- Less mold maintenance and down time
- Greater Productivity

Ease Release	Weight/ Gallon	Solvent Carrier	Drying Rate	Flammable	Wetting Quality
300 Aerosol	N/A	DichloroMonofluoroethane DimethylMethane Butane	Very Fast	No	Excellent
305	6.0#	Petroleum Hydrocarbons	Fast	Yes	Excellent
307	6.4#	Petroleum Hydrocarbons	Slow	Combust.	Good

PROCESSING RECOMMENDATIONS

PREPARATION AND APPLICATION...

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).**

Thoroughly clean your mold with Mold Cleaner 2508™ or any suitable cleaner to remove all traces of previous coatings and oils.

Apply Ease Release™ 300 using aerosol spray or spray equipment for bulk grades. Hold the can or spray gun 6 to 8 inches from the mold surface to ensure a light, even coating. When the molds are new or have been blasted with an abrasive, "season" the mold by applying a heavy coating of release. Heat the mold to process temperature, then wipe the excess with a rag, and reapply a light coating of Ease Release™ 300 before a regular molding.

Ease Release™ 300 is fast drying and requires no baking during the normal molding process.

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.

Finishing - Thorough cleaning of molded parts is required prior to staining, painting, or bonding. For suggested cleaning procedures, consult your Mann technical representative.

There are better ways to address the issue of "Painting a Finished Casting" and still gain the benefits of using a mold release. Visit www.smooth-on.com and visit our FAQ section under "Casting" to learn how.

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™ 300 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.

Ease Release™ 305 and 307 LIQUID - FLAMMABLE: Keep product away from flame and all ignition sources. Use this product in a properly ventilated area with at least room size ventilation.

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.

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