

Ease Release™ 2300

High Performance Silicone Release

Mann
RELEASE TECHNOLOGIES™

www.smooth-on.com

PRODUCT OVERVIEW

Ease Release™ 2300 is a high performance heavy-duty silicone release similar in characteristics to Ease Release™ 300. It is designed to release molded parts from deep draw molds. Ease Release™ 2300 is formulated to provide excellent release of polyurethane elastomers. Ease Release™ 2300 is effective on all mold surfaces such as steel, aluminum, epoxy, urethane, and RTV silicone rubber mold materials.

Features:

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

Provides:

- Excellent release
- Glossy finish
- Reduced mold maintenance and down time
- Reduced mold build-up
- Precise duplication of mold details
- Increased productivity

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).

Apply a Sealing Agent if Necessary - Porous surfaces (concrete, plaster, etc.) often require a sealing agent followed by a release agent when releasing liquid mold making materials. Follow directions on the mold material technical bulletin before proceeding.

Ease Release™ 2300 application - USE ONLY WITH ADEQUATE VENTILATION

1. Thoroughly clean the mold with Mold Cleaner 2508 or any suitable cleaner to remove all traces of previous coatings and oils.
2. Apply Ease Release™ 2300 using aerosol spray or spray equipment for bulk grades. Hold the can 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™ 2300 before a regular molding.
3. Ease Release™ 2300 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.

Painting A Finished Casting - 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™ 2300 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.