

Ease Release™ 700

Food Grade Release Agent

Mann
RELEASE TECHNOLOGIES™

www.smooth-on.com

PRODUCT OVERVIEW

Ease Release™ 700 is used in the production of thermoplastic parts used in the processing of food items and is also a food safe lubricant that can be applied to equipment used to process food. The silicone in Ease Release™ 700 meets FDA regulation 21 CFR 181.28 as a release agent in the manufacture of food contacting materials.

Ease Release™ 700 also provides fast, easy part removal from molds and multiple part releases per application. Improves molding efficiency in many processes including injection, compression or transfer molding of thermoplastics like polyethylene or propylene. Ease Release™ 700 is also ideal for vacuum forming applications to release HDPE, LDPE, ABS, Acrylic, Polystyrene or PVC. Ease Release™ 700 will also release urethane resins from a variety of surfaces.

Features:

- Easy to apply, fast drying
- Effective over a broad temperature range from 70°F to 500°F
- Meets FDA regulation 21 CFR 181.28 as a release agent in the manufacture of food contact materials
- Contains no Class I (CFC) or Class II (HCFC) Ozone Depleting Substances
- Contains no chlorinated solvents such as 1,1,1 trichloroethane or methylene chloride

Provides:

- Excellent release and high gloss
- Excellent surface finish to molded parts
- Precise duplication of mold details and dimensions
- Minimum mold maintenance and down time
- Greater 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™ 700 Aerosol application - USE ONLY WITH ADEQUATE VENTILATION

Shake well before using. Hold can 12 in./30 cm. from surface to be sprayed. Apply a continuous light mist coating to model or mold surface and surrounding forms. Using a soft brush, brush the release agent over entire surface of model or mold in order to break the surface tension and minimize air entrapment. Apply another light mist coating of release agent and let stand for 5 minutes. You are now ready to apply mold rubber or cast into a cured rubber mold.

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. 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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