



EASE RELEASE® 2269

TECHNICAL DATA

DESCRIPTION

EASE RELEASE® 2269 is a highly efficient release agent designed to release polyurethane elastomers, EPDM and other synthetic elastomers from metal, epoxy, polyester or rubber molds. **EASE RELEASE® 2269** is an economical, high density liquid that can be used straight or diluted with solvent to make liquid release agent that can be applied by pressurized spraying equipment or brush. This non-flammable concentrate is offered as an alternative to paying high shipping costs associated with shipping solvent-based materials classified as a hazard.

FEATURES

EASE RELEASE® 2269 IS:

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

EASE RELEASE® 2269 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**

Mold Preparation

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

Diluting EASE RELEASE® 2269 - EASE RELEASE® 2269 concentrate can be applied as is from the container or diluted with solvent.

Selecting The Right Solvent – Heptane or Isopar C are the only solvents we recommend. Using other solvents may result in the diluted release agent being ineffective for your application.

Where to buy Heptane or Isopar C in bulk – You can contact industrial solvent suppliers on the web to find local distributors of Heptane or Isopar C. Websites for suppliers are provided on the reverse side of this technical bulletin.

Dilution Ratio: Select a clean **plastic** bucket with a lid that can accommodate the total volume of concentrate plus solvent with 2" (5 cm) head space. Make sure the area is free from any flame or ignition sources. Combine 1 Part Concentrate with 10 Parts Solvent (1:10) by volume, secure lid on bucket and shake vigorously. Let stand for 5 minutes and shake container vigorously. **Do not use a drill or other mechanical mixer as this may represent an explosion or fire hazard.**

APPLICATION

1. Thoroughly clean your mold with MOLD CLEANER 2508 or any suitable cleaner to remove all traces of previous coatings and oils.
2. Apply EASE RELEASE 2269 using 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 2269 before a regular molding.
3. Diluted EASE RELEASE 2269 is fast drying and requires no baking during the normal molding process.
4. Reapply a light coating before each molding.

FINISHING

Thorough cleaning of molded parts is required prior to staining, painting, or bonding.

The Material Safety Data Sheet (MSDS) for this product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully.

Warning; Solvents Extremely Flammable/Explosive . . . do not use in proximity to flame, spark or ignition sources.

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 upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

Sources for Heptane or Isopar C

ExxonMobil (Offices worldwide); www.exxonmobilchemical.com

Brenntag (Offices in North America, Europe, Asia and Latin America); www.brenntag.com

Bax Chemicals (Offices worldwide): www.baxchemicals.nl

Mann Release Technologies
2000 Saint John Street, Easton, PA 18042 * USA
Tel. (610) 252-5800 Fax: (610) 252-6200