



EASE RELEASE™ 300

TECHNICAL DATA

DESCRIPTION

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

EASE RELEASE 300 IS:

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

EASE RELEASE 300 PROVIDES:

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

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 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 before a regular molding.
3. EASE RELEASE 300 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. For suggested cleaning procedures, consult your Mann technical representative.

PRODUCT CHARACTERISTICS

EASE RELEASE	WEIGHT/ GALLON	SOLVENT CARRIER	DRYING RATE	FLAMMABLE	WETTING QUALITY
300 AEROSOL	*	DICHLOROMONOFUOROETHANE DIMETHYLMETHANE BUTANE	VERY FAST	NO	EXCELLENT
<i>BULK PRODUCTS</i>					
305	6.0#	PETROLEUM HYDROCARBONS	FAST	YES	EXCELLENT
307	6.4#	PETROLEUM HYDROCARBONS	SLOW	COMBUST.	GOOD

TECHNICAL SERVICE

Technical Service specialists are available to assist you with your mold release requirements.... They can recommend specific formulations, cleaning procedures, and equipment to meet the particular needs of individual customers. For additional information, safety recommendations, or technical assistance please contact us at **800-556-2491**.

AVAILABILITY

EASE RELEASE 300 along with the entire line of release agents and mold cleaners are available through our network of quality distributors located throughout the world.

PACKAGING

EASE RELEASE 300 is packaged in 12 oz. aerosol cans as well as 1-and 5- gallon containers as well as 55-gallon drums. For bulk formulations, please refer to the various bulk EASE RELEASE 300 family of releases shown in the above table.

CAUTION Use adequate protection when handling any release solvent system.
Skin contact may cause dryness.
Wear safety glasses or their equivalent to prevent eye injury.
Avoid inhalation of excessive amounts of solvent vapor.

Always consult Material Safety Data Sheet for additional information.