

# Ease Release 2310 Sealer/Release

*Ease Release 2310* from Mann Formulated Products is a versatile product suitable for use as a sealer and/or a release agent for a variety of mold making and casting applications.

***Use As A Sealing Agent - ER 2310*** will quickly and effectively seal porous surfaces (gypsum plasters, clays, stone, concrete and wood) and will facilitate release of Smooth-On mold rubbers without interfering with surface detail. ER 2310 can then be rinsed from the model with warm water. This product has a short shelf life and should be used as soon as possible.

## **Advantages Of Using E.R. 2310 As A Sealer**

~**Low Cost**

~**Low Viscosity** - wets out well over any surface

~**Evaporates Quickly** (in minutes).

~**Ultra Thin Film** - does not interfere with reproduction of surface detail or finish.  
Gives cured mold surface a smooth, satin finish.

~**Washable** – easily removed from model surface with warm water.

## **DIRECTIONS - Applying ER 2310 as a Sealer**

1. ER 2310 is best applied using a soft brush. Apply a thorough thin coating of E.R. 2310 over entire model surface and surrounding forms including intricate detail and undercuts. Compressed air or a hair dryer may be used to blow off any excess that has pooled. Let Dry for 5 minutes.
2. Repeat above and let dry for 10 minutes.
3. For extremely porous surfaces (i.e. limestone or old plaster) an additional coat may be required.
4. Mix and pour mold rubber over model.

**Because no two applications are quite the same, a small test application to determine suitability for your project is recommended if performance of this material is in question.**

***Use As A Non-Silicone Based Release Agent*** – ER 2310 can be applied to rubber mold surfaces to release waxes and resins.

**(Continued On Reverse Side)**

## Advantages Of Using E.R. 2310 As A Release Agent

~**No Affect On Surface Detail** - Does not build up on mold surface or interfere with surface detail.

~**Minimal Post Production Clean Up** – ER 2310 leaves little or no residual release on cast pieces. Cast pieces can be cleaned with a damp cloth prior to painting.

## DIRECTIONS - Applying ER 2310 as a Release Agent

Apply with soft brush over entire mold surface ensuring thorough coverage into mold details and undercuts. Let dry 15 minutes. Thin continuous film should be evident. Re-apply over areas that were not covered by first coating. Let dry. Cast into mold.

Painting a Finished Casting. . . If any residual ER 2310 is evident on the casting surface after demold, remove with damp cloth and wipe dry. Prior to painting, many customers have been successful by first applying one or two coats of an automotive body primer. Follow with application of acrylic or similar base paint.

### **SAFETY FIRST**

The material safety data sheet (MSDS) for this or any other Smooth-On 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.

**Be careful.** CONTENTS FLAMMABLE. Keep product away from heat, sparks, or open flame. Do not puncture, or incinerate container. Do not expose to heat or store at temperatures above 120F/48C. Use only with adequate ventilation. Contains Naphtha CAS# 64742-48-9

**First Aid:** IF SWALLOWED, do not induce vomiting. Call Physician immediately. If overcome by vapors, remove person from contaminated area. FOR EYE CONTACT Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention. FOR SKIN CONTACT. Immediately flush with plenty of water. Remove contaminated clothing and footwear. Wash thoroughly with warm soapy water. Get medical attention if irritation persist. 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. Technical Help: (800) 762-0744 Fax: (908) 762-0744

**Website: WWW.SMOOTH-ON.COM**

121505