



PRODUCT DATA

Mono-Coat® E308

Mold Sealer for Monolithic Graphite Molds

Mono-Coat® E308 is a semi-permanent solvent-base sealer especially formulated for sealing monolithic graphite tools. Mono-Coat® E308 produces a hard surface when properly cured.

Note: This formula is intended for sealing monolithic graphite mold surfaces so that release agents may be subsequently applied. It is not intended to impart integrity properties.

Typical Properties

Appearance	Clear-to-slightly hazy fluid
Density, lbs/gal; kg/l	6.81; 0.82
Flash Point, F°C	58/14
Storage Stability, unopened	12 mos.

Note

Mono-Coat® E308 is an excellent sealing material, but it should not be used as a mold release agent. The appropriate Mono-Coat release agent should be applied on top of the sealer after the sealer has been cured.

Application

1. Use brush or wipe methods. If wiping, use a clean, soft cotton cloth (T-shirt type material). Do not use non-woven materials.
2. Wet cloth and apply uniformly one coat at a time, using cross hatch methods. Wait five minutes between coats for the majority of the solvents to evaporate.
3. Apply until surface remains glossy. This indicates that the pores have been filled.
4. Curing: Heat to 120-140°F/49-60°C for one hour. This drives off penetrated solvent. Next, take up to 400°F/ 204°C for an additional two hours. Allow to cool gradually, over at least a four-hour period, to room temperature.

Storage

Do not store at temperatures above 100°F/38°C. Keep container tight tightly sealed to prevent evaporation and/or moisture contamination.

Handling

We believe Mono-Coat® E308 has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Material Safety Data Sheet.

Packaging

Mono-Coat® E308 is available in 1-gallon, 5-gallon (20-liter) and 55-gallon (208-liter) containers.

While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane molding; tire lubes and bladder coatings; Mono-Coat® semi-permanent release coatings; aerosol formulations; mold cleaners and sealers; specialized coatings and application equipment.