



# RELEASE #45

## **PRODUCT DESCRIPTION:**

Release #45 is a highly effective silicone based release agent designed to release polyurethane elastomers from epoxy, polyester, rubber, aluminum, and steel molds.

## **PRODUCT HIGHLIGHTS:**

- Easy to apply
- Fast drying
- Effective in a temperature range from 70° - 500°F (21° - 260°C)
- Excellent surface finish to molded parts

## **APPLICATION:**

Thoroughly clean mold to remove all traces of previous coatings and oils. Apply Release #45 using spray equipment. Hold the spray gun 6 - 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 Release #45 before a regular molding. Release #45 is fast drying and requires no baking during the normal molding process. Reapply a light coat before each molding.

## **NOTE:**

Due to the silicone content of this release and its transfer to fabrication materials, finished parts must be abraded and cleaned prior to any post mold finishing such as bonding or painting. Consult BJB's, technical service department for help with non or low transfer release agent recommendations.

## **STORAGE:**

Store at room temperature in a dry area. Unopened containers will have a shelf life of 6 months, from date of shipment, when properly stored under normal conditions at 77°F (25°C).

**PACKAGING:**

Release #45 is available in gallon, 5-gallon, and 55-gallon drum size containers.

**SAFETY PRECAUTIONS:**

Use in a well-ventilated area. Avoid contact with skin by using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

**IF CONTACT OCCURS:**

**Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Seek qualified medical attention if allergic reactions occur.

**Eyes:** Immediately flush with water for at least 15 minutes. Call a physician.

**Ingestion:** If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

**Refer to the Material Safety Data Sheet before using this product.**