



# CHALLENGE 95

## A RELEASE DESIGNED FOR POLYURETHANE MOLDING

### **PRODUCT DESCRIPTION:**

Challenge 95 is primarily a release for flexible and rigid polyurethane elastomers and foams. It can be used for other polyurethane systems as well, however, it is advisable to test prior to its use. Challenge 95 is a universal release for plaster, metal, urethane, and epoxy molds.

Challenge 95 dries at room temperature to create a uniform film. This release is a blend of synthetic and natural high temperature waxes dispersed in petroleum distillates.

### **APPLICATION INSTRUCTIONS:**

Challenge 95 may be applied to hot or cold surfaces by spraying, wiping or brushing. **Be sure to shake release containers prior to use.** New mold surfaces should be cleaned thoroughly and be treated with a mold release paste wax such as PartAll Hi-Temp for mold break-in. Porous mold surfaces generally do require one or two release coats for every mold cycle. Release coats should be dry prior to molding and drying speed can be gained by using forced air or infra-red heat. Challenge 95 can be polished to a high gloss after it has dried or left alone to form a flat finish.

Mold cleaning may be required when residues buildup. Clean with a solution of detergent and water and dry thoroughly. If more cutting action is required, use isopropyl alcohol alone or mixed into the detergent solution.

### **STORAGE AND HANDLING:**

Store at 65-80°F (18-27°C) in a dry place. Unopened containers will have a shelf life of 12 months from date of shipment when properly stored at room temperature. After use, reseal container and store in approved flammable storage cabinet or area. Do not store in a refrigerator or cold room. Prior to using, blend thoroughly. Material should be above 65°F (18°C) when mixing.

### **SAFETY PRECAUTIONS:**

Use in a well-ventilated area. Avoid contact with skin 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 laundry before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Remove contaminated clothing and laundry 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. Contact a physician immediately.

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

**⚠WARNING:** This product can expose you to chemicals including Toluene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).