



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & PROCESS ADDITIVES

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## Technical Data Sheet



# CX-600

### Product Description

Solvent system for cleaning molds. Especially for removing resin residues such as polyurethanes, epoxies, phenolics, polyester, styrene and LPA (low profile additive) buildup. May also be used to assist removal of semi-permanent release.

### Composition

Proprietary synergistic blend of hydrocarbon solvents designed for cleaning various tool surface.

### Handling

Wear chemically resistant protective gloves such as nitrile, neoprene, or butyl. Wash hands frequently and, if convenient, use a protective hand cream. Washing of hands is recommended since CX-600 may penetrate gloves after extended use. Use goggles and do not smoke until hands are completely clean.

When cleaning RTV rubber molds or delicate mold surfaces, apply CX-600 to the outside of the mold a few times to determine if there is any harmful effect .

### Uses

Cleaning styrene buildup and resin residue in closed molding operations. **Works most effectively when applied to warm molds, but can be used at ambient temperature.** Also suitable for styrene removal in open molding, particularly in non-skid or textured areas.

### Typical Properties

Color	Clear
Specific Gravity	0.88 @ 25°C
Viscosity	<15cps@25°C
Flash Point	<73°F / <23°C
Shelf Life	Minimum of one year

### Application Instructions

Review MSDS before use.

Use full strength. Do not dilute.

### Cleaning & Stripping

Thoroughly saturate a clean cotton cloth and rub firmly over the mold using a circular motion. Make sure to use an adequate amount of cleaner – it should go on wet. Use a second cotton cloth to wipe over the wet area before it dries, thereby removing dirt and debris.

For heavy build-up, or in closed molding, cotton rags soaked with CX-600 can be placed in the closed mold and

left for 15-20 minutes before wiping off with a clean cloth. If desirable, stiff natural bristle brushes or scrubbing pads can also be used with CX-600. If necessary, repeat until the mold appears clean. Wipe off all remaining residues with a clean cotton cloth and then wipe with a quick flashing solvent like CX-500, or acetone. A totally clean, stripped mold should feel squeaky clean to the touch and masking tape should adhere firmly if applied to the surface.

**In Process Cleaning:** Lightly dampen a cotton cloth with cleaner and wipe gently to remove styrene and resin residue from molds, or to prep mold surfaces prior to touch-up with release. Remove all residues from CX-600 with a clean cotton cloth before re-applying release.

More than one application of each cleaner may be necessary to totally strip molds.

### Precautions

Wear safety goggles and protective gloves. CX-600 contains flammable solvents and should always be used in a well-ventilated area. Store in a cool, dry area.

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