



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & PROCESS ADDITIVES

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## Technical Data Sheet



# CX-509

## Mold Cleaner / Stripper

### Product Description

A solvent system for cleaning or stripping molds. Especially suited to cleaning buildup from a combination of resin, mold release, and residue from heavily filled resin systems..

### Composition

Proprietary synergistic blend of hydrocarbon solvents designed for cleaning various mold surfaces.

### Handling

CX-509 contains flammable solvents and should always be used in a well-ventilated area.

Wear chemically resistant protective gloves (such as nitrile, neoprene, or butyl) and wear protective goggles. Wash hands frequently and, if convenient, use a protective hand cream. Washing of hands is recommended since CX-509 may penetrate gloves after extended use. Do not smoke until hands are completely clean.

When cleaning rubber molds or delicate mold surfaces, apply CX-509 to the outside of the mold or a non-critical area a few times to determine if there is any harmful effect to the mold.

### Uses

Mold cleaner/ stripper for use with Semi-Permanent releases.

May be applied to warm molds (up to 175F/ 80C).

### Typical Properties

Color	Clear
Specific Gravity	0.842 @ 25°C
Viscosity	<15cps@25°C
Flash Point	<73°F / <23°C
Boiling Point	194-302°F / 90- 150°C
Shelf Life	Minimum of one year

### Application Instructions

Review MSDS before use.

Use full strength. Do not dilute.

**Cleaning Before Initial Application of Release:** 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. If necessary, repeat until the mold tape tests clean (Apply a good quality masking tape to various areas on the mold and then pull off. If the mold is clean, consistent resistance will be felt when removing.)

**In Process Cleaning:** Lightly dampen a cotton cloth with cleaner and wipe gently to remove excess semi-permanent release from molds, or to prep mold surfaces prior to touch-up. Wait for solvent to flash off before molding or re-applying release.

**Stripping:** When removing heavy wax buildup, use a wet cloth or a stiff natural bristle brush (Rugged Charlie Brush) to work cleaner over the mold; wipe off with a clean cotton cloth.

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

### Precautions

Wear safety goggles and protective gloves.

Do not use in combination with water.

Store in a cool, dry area.

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