



Mailing: Box 77 0855 Woodside, NY 11377 USA  
 Shipping: 58-20 Broadway, Woodside, NY 11377 USA  
 Phone: +1-718-672-8300 • Fax: +1-718-565-7447  
 E-mail: info@axelplastics.com

www.axelplastics.com

Technical Data Sheet



**CX-500**  
 Mold Cleaner

**Product Description:**

Solvent system for cleaning molds. Quick flashing, general purpose cleaner to prep molds before application of semi-permanent sealer or release system. May also be used to remove residue from resins, overspray, or excess semi-permanent.

**Composition:**

Proprietary synergistic blend of hydrocarbon solvents designed for cleaning various tools/molds surfaces.

**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-500 may penetrate gloves after extended use. Use goggles and do not smoke until hands are completely clean.

When cleaning RTV or rubber molds, apply CX-500 to the outside of the mold a few times to determine if there is any harmful effect to these materials.

**Uses:**

Mold cleaner for use prior to applying semi-permanent release systems. May also be used for other types of cleaning. For heavy accumulation of paste wax or silicone, or buffing compounds, especially those with animal fats, oils, silicones etc., other cleaners or strippers may be required prior to use of CX-500. Recommended for use at ambient temperature.

**Typical Properties:**

Color:	Clear
Specific Gravity:	0.840 @ 25°C
Viscosity:	<15cps@25°C
Flash Point:	<73°F / <23°C
Boiling Point:	176 - 286°F / 80 - 140°C

Shelf Life:	Minimum of one year
-------------	---------------------

**Application:**

CX-500 flashes quickly. Work in small overlapping areas that can be scrubbed with cleaner and wiped with a clean cotton cloth before the cleaner dries. For glossy mold surfaces, liberally wet a 100% cotton cloth with cleaner and rub firmly over the mold to loosen dirt and contamination; then wipe with a clean cotton cloth until dry. Non glossy or metal molds may choose to use nylon scrub pads or stiff brushes to work the cleaner over the surface. Again, the mold should appear wet with cleaner and be wiped dry after scrubbing and before the cleaner dries.

More than one application of cleaner, or more than one cleaning product may be required to totally clean molds.

**Testing for Cleaning:**

To test for cleanliness, apply a strip of high quality masking tape to the molding surface and rub evenly across its surface. Next, pull the tape strip from the mold at a 45° angle. Resistance should be felt when removing the tape – this indicates that the mold is clean. Repeat this test in several areas to ensure that cleaning is complete. Another indication of how clean the surface is can be seen by dropping some water on the mold. On glossy surfaces water will bead up, however, if you can break the beading easily and create puddles rather than tight beads, the mold should be clean.

**Other Uses for CX-500:**

CX-500 can also be wiped lightly across a mold surface that has been prepared with semi-permanent release. A light wipe with cleaner will remove only a small portion of release. This technique can be helpful in the case of over-application, or where reduced slip is required in a localized area, like a tape line.

\

**After Cleaning With CX-500:**

Always tape test the mold after cleaning to gauge how much release and or sealer has been removed. After heavy cleaning, a re-application of sealer and release is generally recommended. Lighter cleaning, or spot cleaning in one area may require only re-application of release.

**Precautions:**

Wear safety goggles and protective gloves. CX-500 contains flammable solvents and should always be used in a well-ventilated area. Store in a cool, dry place.

XTEND, MoldWiz & PasteWiz are registered trademarks of Axel Plastics Research Laboratories.

This information is supplied for technically skilled professionals working at their own risk. AXEL believes the information to be accurate, although the Company assumes no liability in the validity of damages of any kind that may arise from the use or nonuse of AXEL products or information supplied by the Company or its appointed representatives.

120901