



CHICAGO MANIFOLD PRODUCTS COMPANY, INC.

Manufacturers of SYN-TAC® and Custom Rubber Rollers

PRODUCT INFORMATION

PRODUCT # CMC100

SYN-TAC® MRC

METER ROLL CLEANER / DESENSITIZER

SYN-TAC® MRC is a new generation roller cleaner that is part of a complete ROLLER MAINTENANCE SYSTEM. Utilizing this complete system will give your press rollers a longer, more productive life. It is designed for cleaning rollers while the press is at idle speed and is very safe and effective for cleaning metering rollers. SYN-TAC® MRC pulls out from the pores all substances that can penetrate the roller's surface causing the surface to become less "hydrophilic" - water receptive, which will create a fountain solution distribution problem. SYN-TAC® MRC is specifically designed to keep metering rollers clean of clay, ink pigment and calcium carbonate/size compounds that can poison the water distribution system. When fountain solution is not being brought into an integrated ink train in an even distribution manner, the upper form roller can either be starved of fountain solution or it can be saturated with fountain solution from side to side.

A clear indication of a moisture distribution problem with these two rollers is when ink feedback occurs. This is when the ink film from the upper form roller begins to cling to the metering roller, eventually becoming visible on the chrome roller.

This product is not an OSHA flammable or combustible material. It exhibits a very low safety and health risk. It contains no EPA SARA Title III Section 313 or Hazardous Air Pollutant Ingredients. It does not harm printing plates and is formulated to give a minimum impact of fountain solution water/ink balance. It does not inhibit color return.

Directions For Use

Metering Roller Cleaning: Shut down the press. Utilizing a saturated cloth or sponge, clean the dampener roller from one end to the other with broad sweeping strokes. Pay special attention to the end of the roller for possible build-up. Repeat as needed.

Technical Specifications

Drying Speed:	Fast
Water Miscible:	Yes
Flash Point:	205 Degrees Fahrenheit
VOC (EPA Method 24)	5.41 lbs./Gal.(66.2% or 649.95 grams/liter.)
Photochemically Reactive (Per Cal Rule 102):	NO
Odor:	mild
Specific Gravity:	0.962

Features

- Not a DOT/EPA flammable liquid
- Safe and effective
- Contains no hazardous air pollutants or SARA Title III Section 313 ingredients
- Does not inhibit color return
- Minimum impact to fountain solution water/ink balance



171 E. MARQUARDT DR.

WHEELING, IL 60090-0087, U.S.A.

PHONE 1-847-459-6000 or 1-800-323-7735

FAX 1-847-459-6277 or 1-800-626-9211

www.chicagomanifold.com



# CHICAGO MANIFOLD PRODUCTS COMPANY, INC.

Manufacturers of **SYN-TAC®** and Custom Rubber Rollers

## PRODUCT INFORMATION

PRODUCT # **CMC101**

# SYN-TAC® CRC

## CHROME ROLL CLEANER / DESENSITIZER

**SYN-TAC® CRC** is a new generation roller cleaner that is part of a complete **ROLLER MAINTENANCE SYSTEM**. Utilizing this complete system will give your press rollers a longer, more productive life. It is designed to detoxify size poisoning in integrated systems with a chrome roller. Size poisoning is brought on by alkaline and recycled papers and it usually shows up as background tone, tint or haze on the printed sheet.

**SYN-TAC® CRC** keeps chrome moisture and stainless steel rollers perfectly clean helping to maintain an even fountain solution distribution. Its unique treating characteristics leave the roller's surface "hydrophilic" - water receptive. **SYN-TAC® CRC** cleans chrome moisture rollers of ink particles; size compounds, oxidation and other contaminants that may interfere with fountain solution distribution. When particles cling to a chrome moisture roller's surface, the roller will not evenly pick up water, resulting in ink emulsification, leading to scumming on the plate's surface and/or hazing on the printed sheet.

Chrome moisture rollers are not always located in the water pan. They may be positioned on top of a rubber-metering roller since integrated moisture systems come in a variety of configurations. **SYN-TAC® CRC** can also be used to condition the master cylinder and impression cylinder to prevent ink build-up.

**SYN-TAC® CRC** contains natural Gum Arabic which will leave the chrome roller surface protected from oxidation and will give a protective shield to prevent ink from sticking to the chrome roller.

### Directions For Use

Shake before using. Apply **SYN-TAC CRC** to a clean cloth. Rub the chrome roller with a polishing motion until clean. Wipe away any excess with a clean cloth. **DO NOT RINSE OFF** any excess with water. It is best to leave the residual on the chrome roller surface until start up. No need to add any additional Gum Arabic roller treatment as this product contains 14° Baum gum Arabic.

### Features

- Extends the roller life.
- Quickly removes ink contaminates.
- Restores dampener water pick up efficiency.
- Leaves a protective film.
- Reduces ink build up brought on by alkaline and recycled paper.

### Technical Specifications

Gum Type:	Gum Arabic, 14° Baum
Flash Point:	None
VOC (EPA method 24):	0.44 lbs./gal.
Odor / Fragrance:	Orange
-pH:	2.8
Weight (lbs)/Gallon:	8.9 lbs/gal.
Specific Gravity:	1.07



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