

# CT 5 A

## SOLVENT OIL BASED RUST PREVENTATIVE

### ▶ PRODUCT DESCRIPTION

**CT 5 A** is an oil dispersed, non-staining rust preventative designed to deposit a light oily film which provides indoor protection on sheet steel and other ferrous parts. The CT 5 A will neutralize fingerprints and provides excellent water displacing characteristics while preventing the formation of black stains when parts are stored in contact with each other.

### ▶ FEATURED BENEFITS

- Low odor based solvent for worker health and safety
- Barium free
- Low residues for clean package and handling and post machining processes
- Excellent for in-process rust protection

### ▶ APPROVALS

- CAT 1E 4971 Indoor Storage Corrosion Inhibitor Certified
- Not compliant for California SCAQMD Rule 1144

### APPLICATION



### TYPICAL PROPERTIES

Fluid Type	Oil based rust preventative
Appearance	Clear brown liquid
Odor	Mild petroleum
Specific Gravity, 60°F (15.6°C)	0.820
Weight, 60°F (15.6°C)	6.83 lbs/gal.
VOC, ASTM E 1868	333.0 grams/liter
Viscosity, 40°C	7.5 cSt
Flash Point (PMCC)	180°F (74°C)
Sulfated Ash	0.14%
Freeze Point	30°F (1°C)

### PROTECTION PROPERTIES

	Test Method	Dry Film Thickness	20 Ra (Smooth) 1010 Carbon Steel Panels
Humidity	ASTM D 1748	1 Mil (25μ)	500 hours
Indoor Warehouse		1 Mil (25μ)	4 months





## PRODUCT APPLICATION

CT 5 A is designed primarily for indoor protection only.

CT 5 A may be applied by brushing, spraying, or dipping. Maximum performance of CT 5 A can be achieved only when the metal surfaces are clean, free of rust, water, ice and mill scale. The metal substrate should be at a temperature of 50° to 95°F (10° to 35°C) at the time of product application. CT 5 A is formulated to be used as supplied. DO NOT THIN CT 5 A. Incorrect thinning will compromise film build, dry time, and coverage. Ensure uniform consistency prior to use.

Normally a single tank is adequate for dipping operations, however, if parts are extremely wet or dirty and where carry-over is great, a two-tank system will produce the best results. Where water displacement is of primary importance, the dip tank should be equipped with a bottom drain for removing accumulated water. A false bottom tank is desirable to prevent parts from being dipped through rust preventative into water layer below.

DO NOT HERMETICALLY SEAL BAGS IF BAGGING PARTS.

RECOMMENDED SPRAY EQUIPMENT: CT 5 A is a ready to use product. The viscosity is low enough to be easily sprayed using a pneumatic spray gun/body shutz gun or pressure pot. Airless spray equipment is not required but can be used if other methods are not available.

## PRODUCT CLEANUP

It is recommended to use 5 -10% hot (140° to 160°F) alkaline cleaner such as Hydrosolv 57, Product number: 840000 with low to moderate impingement. Dry cleaning can remove CT 5 A from fabrics.

## PRODUCT STORAGE

- Shelf life is 24 months
- Store CT 5 A at temperatures 50° to 95°F (10° to 35°C)
- Mild agitation is recommended prior to use. Continued agitation is not required.
- KEEP LID ON PRODUCT AFTER USE
- DO NOT GET WATER INTO PRODUCT

## PRODUCT CODE

5100300000

## HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).