

## TECTYL 506

### Description

TECTYL 506 is a solvent cutback, wax base, corrosion preventive compound. The dry film is firm, amber, waxy and translucent. TECTYL 506 is excellent for long term

Protection of metallic surfaces against corrosion in either indoor or outdoor exposure and during domestic and international shipments.

### Laboratory Data

#### Typical Properties

	<u>English</u>	<u>Metric</u>
Flash Point, PMCC, Minimum	100°F	38°C
Specific Gravity @ 60°F(15.6°C)	0.88	0.88
Recommended Dry Film Thickness	1.2 - 2 mils	30 – 50 microns
Theoretical Coverage	630 sq. ft./gal.	15.4 sq. meters/liter
Non Volatile % by Weight	53-57	53-57
Approximate Air Dry Time @ 77°F(25°C)	1 hour	1 hour
High Temperature Flow Point, Minimum	300°F	150°C
Low Temperature Flexibility, (90 ° Bend-No flaking or cracking)	-10°F	-23°C
Volatile Organic Content (VOC)	3.24lbs./ U.S gallon	400 grams/ liter

#### Accelerated Corrosion Tests:

##### 5% Salt Spray (Hours)

(A) *ASTM B-117 @ 1.3 mils, (2×4×1/8 in. Polished Steel Panels)	> 1500	-
(B) **DIN 50021 @ 32.5 microns, (125×200mm. DIN 1623 Panels)	-	> 2500

\*\*ASTM (American Society for Testing and Materials)

\* DIN (Deutsche Industrie Normen)

### Benefits

#### Easy Application

TECTYL 506 is formulated for easy application by spray, dip or brush.

#### Low Cost Protection

TECTYL 506 is a one-coat rust preventive. The thin film provides high coverage and low cost protection.

## Long Term Protection

TECTYL 506 provides outstanding external protection of machinery, machinery, machine rolls, machine tools, automotive parts, dies, tubing, and spare parts. TECTYL 506 has a dielectric (insulating) strength of approximately 1000 volts per dry mil of film thickness and therefore protects electrical connections and helps prevent galvanic corrosion.

## Surface Preparation

The maximum performance of TECTYL 506 can only be achieved when the metal surfaces, to be protected, are clean and dry. Remove dirt, rust, scaling paint and other contaminants before applying 506.

## Application

Ensure Uniform consistency prior to use. Continuous stirring or thinning is generally not required. If product thickens due to cold storage or loss of solvent during use, add only aliphatic mineral spirits and only if necessary to restore consistency. Do not apply heat; fire or explosion may result. Apply at 50-95°F (10-35°C) by spray, dip or brush.

## Coverage

The theoretical coverage is 630 sq. ft./gallon (15.4 sq. meters/liter) at the recommended dry film thickness of 1.3 mils (32.5 microns). Material losses during application will vary and must be considered when estimating job requirements.

## Removal

TECTYL 506 can be removed with mineral spirits or any similar petroleum solvent, vapor degreasing. TECTYL 506 can be removed from fabrics by normal dry cleaning procedures. Avoid using chlorinated or highly aromatic solvents when removing from painted surfaces as these solvents may adversely affect paint.

## Caution: Combustible

TECTYL 506 cures by solvent evaporation. Keep away from heat, sparks and open flames. Use with adequate ventilation. If applied to the interior of an enclosed vessel adequate ventilation is required for cure and to ensure against formation of an explosive atmosphere. For further information, consult Hanval Incorporated. Refer to Hanval Incorporated Material Safety Data Sheet for health and safety instructions.

## Examples of Application

Bombardier. Chrysler. Ford Motors. HUNDAI Heavy Industries. DOOSAN Heavy Industries, Mitsubishi Heavy Industries etc.

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## REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION

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