

Tectyl™ 506

TECTYL™ 506 is a solvent cutback, wax base, general purpose, corrosion preventive compound.

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, like machinery, machine rolls/tools, automatic parts, i.e. tubing, and spare parts.

TECTYL™ 506 cures to a dark amber colored, waxy, transparent, firm film.

Approvals & Performance Levels

Tectyl™ 506*

Accelerated Corrosion Tests:
@ Average recommended DFT

Salt Spray; 5% NaCl @ 35 °C; ISO 9227 NSS (Q-Panels, Type R, ASTM A 1008) **40+ days**

Humidity; 100% RH; @ 40 °C; ISO 6270-2 Ch (Q-Panels, Type R, ASTM A 1008) **100+ days**

Estimated Protection Period

Indoor: 36 months
Outdoor: 18 months

Caution:

Adequate ventilation is required for cure and to ensure against formation of a combustible liquid. **THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT, OR TORCHES.** Refer to Valvoline Inc.'s Material Safety Data Sheet for additional handling and first aid information.

Applications

Surface Preparation:

The maximum performance of Tectyl™ 506 can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Valvoline Industrial Coatings recommends that the metal substrate temperature be 50-95 °F (10-35 °C) at the time of product application.

Application:

Tectyl™ 506 is formulated to be used as supplied. Always ensure homogeneous consistency by agitation before use. If the product thickens due to cold storage or loss of solvent contact Valvoline. **DO NOT THIN TECTYL™ 506**, incorrect thinning will affect film build, dry time and potentially product performance. Tectyl™ 506 can be applied by low pressure air spray or brush. **DO NOT FREEZE TECTYL™ 506.**

Removal:

Tectyl™ 506 can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash, or low-pressure steam. Tectyl™ 506 can be removed from fabrics by normal dry-cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

Features and Benefits

Superior Protection

At the recommended DFT Tectyl™ 506 will protect against corrosion during storage, domestic and overseas transport.

Processing

Tectyl™ 506 is easy to apply and easy to remove when no longer needed.

Economical

With a DFT of only 50 microns, Tectyl™ 506 can protect a big surface with just little amount of the product.

Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

Tectly™ 506	Typical
Density @ 15 °C, kg/L, ASTM D4052	0.870
Flash Point PMCC, °C	40
Recommended Dry Film Thickness over metal profile (microns)	>50
Theoretical coverage @ recommended DFT, m ² /L	9.2
Non Volatile, weight %	52
Dry to touch time @ 20 °C, Hours	2
Cure time @ 20 °C, Hours	24
Volatile Organic Compound Content ISO 11890-2 (10.4), g/L	411

Note: Always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
6174	400g aerosol
5013.94	4L
5013.59	20L
5013.51	205L

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

Author:

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Replaces - 5013, 6174/03