



# Product Information



A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.

## TECTYL 472

### Description

**TECTYL 472** is a solvent cutback, water displacing, oil based corrosion preventive compound and penetrant.

**TECTYL 472** is used to protect industrial parts during long-term indoor or covered storage, and during domestic shipment.

**TECTYL 472** cures to an ultra light, transparent oil film.

### Typical Properties

|   |       |                          |
|---|-------|--------------------------|
| Flashpoint; PMCC                                      | 40    | °C                       |
| Specific Gravity @ 60°F                               | 0.81  | kg/ltr                   |
| Recommended Dry Film Thickness                        | 3.0   | microns                  |
| Theoretical Coverage @ Avg. Recommended DFT           | 68.5  | m <sup>2</sup> /l        |
| Non Volatile  | 26    | weight %                 |
| Viscosity @ 40°C                                      | 2.0   | mm <sup>2</sup> /s (cst) |
| Cure Time @ 25°C                                      | 4 - 5 | hours                    |
| Water Displacement (US Federal Standard STD 791-3007) | Pass  |                          |
| Volatile Organic Content (VOC) (ASTM D-3960)          | 595   | g/l                      |

### Accelerated Corrosion Tests:

@ Avg. Recommended DFT

|  |     |       |
|--|-----|-------|
| Salt Spray; 5 % NaCl @ 35°C; DIN 50 021 (ASTM B-117)<br>(2x4x1/8" Polished Steel Panels) | 120 | hours |
| Humidity; 100 % RH; @ 40°C; DIN 50 017-KK<br>(2x4x1/8" Polished Steel Panels)            | 75  | days  |

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

Effective Date:

19-Sep-06

Replaces:

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Author's Initials:

JAvM

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### Surface Preparation:

The maximum performance of **TECTYL 472** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Valvoline recommends that the metal substrate temperature be 10-35 °C at the time of product application.

### Application:

**TECTYL 472** is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Valvoline. **DO NOT THIN TECTYL 472**. Incorrect thinning will affect film build, dry time and product performance. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. **TECTYL 472** can be applied by spraying or dipping.

### Removal:

**TECTYL 472** can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam.

### Storage:

**TECTYL 472** should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use.

Under proper storage conditions **TECTYL 472** can have a shelf life of 3 years minimum.

### Caution:

Adequate ventilation is required for cure and to ensure against formation of 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's Material Safety Data Sheet for additional handling and first aid information.

### Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus affecting the performance of this coating as stated in the Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

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