

Tectyl[®] 477/10L

Description

TECTYL[®] 477/10L is a solvent-free oily film anti-corrosion product. The protective film which remains on the treated surface is of the same consistency and

composition as the finished product. This film does not become dry or brittle with aging.

Laboratory Data

Specific Gravity at 60°F
Viscosity at 40°C
Flash Point C.O.C.
Thickness of Film

Typical Properties

0.875
32 cSt
> 320°F
0.2 mil

Use

TECTYL[®] 477/10L is particularly suited for protecting hydraulic circuits. It can be used for preserving detached parts awaiting assembly during storage, or for the protection of individual items intended for successive phases of manufacture.

For the protection of closed spaces it is sufficient to fill them completely and when it is certain that all the points are reached by the product, empty them by drainage. Expected duration of the protection is:

- **4 – 6 months** if the product is being utilized on the surfaces of individual items in direct contact with the external atmosphere.
- **Practically Indefinite** if it is protecting a crankcase of closed circuit without the possibility of contact between the internal environment and outside atmosphere.

Periodic inspections statistically treated are useful for verifying the state of the surface treated when it is expected that the period of protection will be greater than one/two years.

Surface Preparation

The maximum performance of TECTYL[®] 477/10L can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

Application

TECTYL[®] 477/10L 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 water and coalescing solvent during use, contact Daubert Chemical Company. DO NOT THIN TECTYL[®] 477/10L. Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. TECTYL[®] 477/10L can be applied by spraying, by immersion, by filling, or by brushing cleaned and dry surfaces. DO NOT FREEZE TECTYL[®] 477/10L.

Removal

Can be done with a petroleum solvent, by hot alkaline washings. The film deposited on the product normally should not be removed right after the use of the part. Furthermore, the protecting agent is compatible with the miner-based lubricants used in industry and often can act as lubricant for short periods of time.

Storage

Store TECTYL[®] 477/10L at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

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 Daubert'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 adversely affecting the performance of this coating as stated in the lab data section. If a product other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

June 30, 2010:kc

CAUTION: The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

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

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