



PRODUCT DATA

U-3013

Coatings For Industry, Inc. • 319 Township Line Road, Souderton, PA 18964 / 215-723-0919

Description

U-3013 is a one package water based aromatic urethane coating providing electrostatic discharge.

Color

Available in off white, black and gray. Special colors can be matched upon request.

Packaging

One and five gallon containers are standard.

Technical Data

Number of Coats:	Dependent upon application
Minimum Dry Film Thickness Per Coat:	1.5 mil
Weight Solids :	35.5%
Volume Solids :	26.3%
Theoretical Coverage @ 1 mil DFT :	420 sq. ft./gallon
Dry Time @ 70°F., 50% R.H. :	
Set to Touch :	20 minutes
Dry to Touch :	50 minutes
Dry Through :	80 minutes
Minimum Application Temperature :	55°F.
Primer:	Self priming or may be used with other CFI primers in certain applications
Method of Application :	Brush, roll, spray
Thinner :	Water
Clean up :	Water
Shelf Life :	One year

Uses

U-3013 is used where electro-static discharge is required and has excellent flexibility, abrasion resistance, hardness, and good chemical resistance. U-3013 may be applied over a variety of solvent sensitive substrates in OEM applications. This product has many of the properties generally associated with two component solvent urethanes, but has slightly reduced chemical resistance. It does, however, possess improved hydrolytic stability and quick-dry properties.

Surface Preparation

Steel surfaces should be degreased and cleaned of all contamination, if possible a zinc or iron phosphate pretreatment should be used. Lightly sanding painted surfaces to remove gloss and residual contamination is recommended.

On composite or plastic surfaces, the surface may have to be etched either by lightly grit blasting or chemically etching for optimum adhesion.

Application

U-3013 may be applied by brush, roller or spray. Standard paint spray equipment should be used. The air atomizing pressure should be approximately 40 PSI and the fluid pressure approximately 15 PSI. A uniform wet coat should be applied to obtain the recommended dry film thickness. A mist or tack coat applied first sometimes helps obtain desired results. After coating has dried for a minimum of 1.5 hours, a second coat may be applied.

Clean Up

As soon as possible after spraying and before coating has dried on equipment,

clean up with warm water. If coating has been

allowed to dry, it may be necessary to clean with a solvent such as lacquer thinner.

Precautions

Although water base material, spray droplets should not be inhaled. Use adequate ventilation. In confined areas, use adequate forced ventilation during application and drying. When spraying, a suitable protective vapor/particulate respirator, should be worn. In areas of minimum air movement, a fresh air mask should also be used. Also refer to the U-3013 Material Safety Data Sheet.

LIMITED WARRANTY : All statements, technical information and recommendations contained herein are based on tests the manufacturer believes to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied:

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective at the time the sealed container is first opened, and in no event beyond the shelf date printed on the label. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.

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