



## PRODUCT DATA

# Alseal 320

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

### Description

Single component modified Teflon\* coating.

### Color

Black and clear. Special colors available upon request.

### Packaging

One gallon containers are standard.

### Uses

The primary use of Alseal 320 is to provide dry film lubrication, excellent anti-stick properties and water repellence. It also has excellent flexibility, abrasion resistance, hardness and good chemical resistance. Further, as a water-based material, Alseal 320 may be applied over a variety of solvent sensitive substrates. It also possesses quick dry properties and thermal stability.

### Technical Data

Number of Coats:	1
Recommended Dry Film Thickness:	1 mil
Weight Solids:	42%
Volume Solids:	32%
Theoretical Coverage at 1 mil DFT:	512 sq. Ft./gallon
Cure Time @ 250-300° F.	20-30 minutes
Minimum Application Temperature:	55° F.
Primer:	Self priming
Method of Application:	Spray application preferred
Thinner:	Water
Clean up:	Water
Shelf Life:	One year
VOC:	1.36 lbs./gal./163 grams/L

### Surface Preparation

Steel surfaces should be degreased and cleaned of all contamination. If possible, a zinc or iron phosphate pretreatment should be used. Preferred treatment is a 180 mesh sandblast. All dust, grease and other contaminants should be removed prior to sandblasting.

### Application

Spray application is recommended. Standard

paint spray equipment should be used. Thinning is usually not required. 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.

\* DuPont registered trademark for its flouropolymer resins

## **Curing**

Alseal 320 will air dry. However, to achieve maximum coating hardness, it is recommended that the coating be cured at 250-300°F for 20-30 minutes.

## **Clean Up**

As soon as possible after spraying and before the coating has dried on equipment, clean up with warm water. If the coating has been allowed to dry, it may be necessary to clean with a solvent such as lacquer thinner.

## **Precautions**

Although water based 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 be used. Also refer to the Alseal 320 Material Safety Data Sheet.

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