



PRODUCT DATA

Aseal 320

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

Description

Single component modified PTFE coating.

Color

Black and clear. Special colors available upon request.

Packaging

One gallon containers are standard.

Uses

The primary use of Aseal 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, Aseal 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.

Curing

Aseal 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 Aseal 320 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.

All data, statements and recommendations made herein are based upon information manufacturer believes to be reliable, but are made without any representation or guarantee or warranty of accuracy and are made with reservation of all patent rights. All products are sold on the condition that the user will evaluate them, as well as manufacturer's recommendation, to determine their suitability for user's own purpose before adoption. Statements regarding the use of the products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations.