



# Aseal 190P

## Description

Aseal 190P is a high temperature water-based urethane modified phenolic / epoxy coating composition containing PTFE. This coating has good slip and release properties at constant temperatures up to 400°F with intermittent peak temperatures of 600°F complemented by a near-zero VOC. Exhibits excellent adhesion to most metals and improved flexibility over conventional phenolics.

## Color

Dark Blue or Black

## Packaging

One gallon containers are standard.

## Surface Preparation

New metal surfaces should be cleaned of oil, grease and dirt. The surface should then be prepared by blasting, chemical treatment, or both depending on specific specifications and a proper Aseal basecoat applied.

## Application

Aseal 190P should be applied using standard paint spray equipment. The coating may be thinned up to 10% with water if necessary to help spray atomization. The air atomizing pressure should be approximately 30-40 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

Allow to air dry to touch. The coating should then be cured at 175F for 15 minutes followed by 400F for 30 minutes.

## Clean Up

As soon as possible after spraying and before coating has dried on equipment, clean up with water.

### Technical Data

Weight Solids :	56%
Volume Solids :	45%
Recommended DFT:	1.5 - 2.5 mils
Theoretical Coverage @ 2 mils DFT :	325 sq. ft./gallon
Cure Time @ 400°F PMT:	30 minutes minimum
Minimum Application Temperature :	55°F.
Method of Application :	Spray
Thinner :	Water
Clean up :	Water
Shelf Life :	One year, if unopened

## **Precautions**

Before handling: Read and understand our Material Safety Data Sheet (MSDS) issued in it's most recent revision with the product. Make sure old MSDS's are replaced completely by the revised version.

**IMPORTANT:** Under some processing conditions, this product may release formaldehyde in concentrations great enough to meet the requirements of 29 CFR 1910.1048. See MSDS for further information.

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