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# TECHNICAL DATA

**SP-11 / PH-20**
**POLYURETHANE SURFACER / PRIMER**

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## PRODUCT DESCRIPTION:

This two component polyurethane surfacer / primer is epoxy and polyurethane compatible and skydrol resistant for use on aircraft exterior. It is designed to be used as a sand able surfacer.

## MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF SPECIFICATION:

Boeing BMS 10-103 / Boeing DPM 5766-1

## SURFACE PREPARATION:

To insure proper adhesion, scotch brite abrade and solvent clean all surfaces prior to painting. All previously painted surfaces must be free from dirt, oils and any contaminants prior to painting.

## MIXING / APPLICATION:

Mix thoroughly, two parts SP-11 base with one part PH-20 catalyst. The material should be reduced 10-20% by volume with SR-12 or SR-350 solvent reducer. Pot life will be 2 - 3 hours. Spray apply using siphon, pressure pot, cup gun, or electrostatic spray equipment. The dry time can be accelerated by using heat, polyurethane accelerator or a combination of both. The material may be sanded and prepared for top coating by using sandpaper or scotch brite followed by wiping with a tack cloth to remove sanding residue. Minimum waiting time to sand is 6 hours @ 70-75°F. This product should not be applied to unprimed metal surfaces.

## PHYSICAL PROPERTIES:

| | | |
|---|---|---|
| Appearance: | | Cream / Off White |
| Admixed Viscosity: | | 20 - 22 seconds, #2 Zahn |
| Admixed VOC: | | 413 grams/liter |
| | | 3.44 Lbs. /gallon |
| Weight per Gallon: | A) Admixed | 12.71# |
| | B) Base | 14.90# |
| | C) Catalyst | 8.33# |
| Volume Solids: | A) Admixed | 72.91% |
| | B) Base | 79.41% |
| | C) Catalyst | 49.69% |
| Admixed Film Weights: | | 0.0111 lbs/ sq.ft. @ 1 mil dry film thickness |
| Fineness of Grind: | | 5 Hegman |
| Coverage @ 100% Usage - No Loss: | | 975 sq. ft/mil |

## PRECAUTIONS:

Avoid skin contact. If eye contact is made, flush immediately and consult a physician. See MSDS for detailed physical constituents.