



TECHNICAL DATA SHEET #18

PDC® F-892

VINYL BASED-SATIN TOP COAT
FOR INDUSTRIAL USE ONLY

DESCRIPTION:

F-892 is a vinyl based clear top coat which is used over F-1085 or F1086 as well as Muraculon coatings as a satin finish. While remaining soft and flexible, F-892 will also improve tensile strength, abrasion, block and stain resistance.

SPECIFICATIONS:

Solids: (wt.) 3.5%	Coverage: 175 sq.ft. per gallon at 1 mil
Shelf life: 1+ years at 77°F unopened container	
Temperature use range: -30°F to 200°F	
Block resistance: 4hr @ 140°F	Finish: satin

CHEMICAL RESISTANCE: In House Test Results [ASTM D-1308]

Mineral oil: very good	Machine oil: very good
Saline: very good	Blood: very good
Urea (6% in H ₂ O): very good	All purpose cleaner: very good
Betadiene (Iodine): *very good	Acid (10% sulfuric in H ₂ O): very good
Gasoline: good	Alcohol: very good

*stained after 5 minutes.

ALTERNATIVE PRODUCTS:

For satin top coat see F-760 technical data sheet.

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SURFACE PREPARATIONS:

MIX WELL BEFORE USE.

All surfaces to be coated must be free of any oils, dust or loose foam particles.

USE ADEQUATE VENTILATION.

SPRAYING: GENTLY MIX BEFORE SPRAYING.

Pressure pot/conventional sprayers may be used. Apply wet, overlapping coats, holding gun 6"-12" from surface, using 4"-6" pattern. Allow 10-20 minutes minimum dry time before applying additional coats or turning part over. To speed drying of F-892, allow to air dry 5 minutes, then place in mild heat, 95°F-120°F, with mild air movement, until **completely** dry. Make sure heat source is safe for this use and that you ventilate properly. Recommended dry film thickness is 1 mil.

RECOMMENDED EQUIPMENT AND SETTINGS:

Binks® model 2100 gun	Material: 20psi
Nozzle: 63B	Atomization: 10-25psi
Cap: 63PB	Dilution: as needed
Needle: 363A	Clean up: Methyl Ethyl Ketone, M.I.B.K., Toluene or Xylene.

Industrial/commercial airless equipment may be used. Use as described above.

Tip size: .011-.019
Pressure: as needed
Dilution: not recommended

HINTS:

Recommended thinners, M.I.B.K or Xylene. Always use proper ventilation and protection. When using a dip tank, always leave at least 6" from fluid surface to tank top to minimize skinning over. Allow overnight drying whenever possible. Avoid excessive air movement, heat or humidity.