

Sur-Prep® 3160 Instruction Manual

Safety Steps and Procedures To Follow Prior To Applying Sur-Prep® 3160:

- 1.) Always refer to the safety data sheet (SDS) prior to applying **Sur-Prep® 3160** if you have any questions regarding regulatory information about this product.
- 2.) Always wear protective eyewear and gloves to prevent **Sur-Prep® 3160** from contacting the skin and eyes.
- 3.) Make sure there is proper ventilation in the area where **Sur-Prep® 3160** will be applied.
- 4.) Make sure there are no sparks, open flames, hot surfaces, or other heat and fire ignition sources in the area where **Sur-Prep® 3160** will be applied.

Sur-Prep® 3160 Features and Benefits:

- 1.) **Sur-Prep® 3160** is a fast drying petroleum solvent cleaning compound and a hydrocarbon solvent blend that works on oil and oil-bonded contaminants, dries quickly, has a broad solvency range, and prepares critical surface areas prior to painting or bonding..
- 2.) **Sur-Prep® 3160** efficiently solvates a broad range of contaminants from substrate surface and helps coatings and sealants adhere to aircraft substrates.

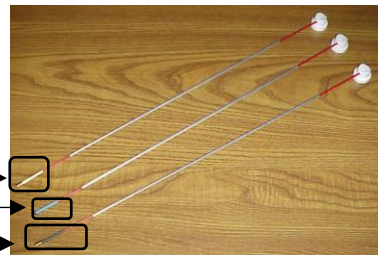
Areas Where Sur-Prep® 3160 Should Be Applied:

Sur-Prep® 3160 should be applied on critical surface areas prior to painting or bonding.

Spray Applying Sur-Prep® 3160:

- 1.) Use the following equipment to apply **Sur-Prep® 3160** .
 - * Any type of sprayer or spray system that is compatible with solvents
 - * Aerosol
 - * **Formit®** Extension Wands-For use with all **Zip-Chem®** aerosols to reach difficult to access areas, such as stringer edges.

- * **Formit® 360°** Spray (White Tube) Wand
- * **Formit® Fan Spray** (Blue Tube) Wand
- * **Formit® 180°** Spray (Black Tube) Wands



Formit® 360° Spray Demonstration Video



Formit® Fan Spray Demonstration Video



Formit® 180° Spray Demonstration Video



Wipe Application of Sur-Prep® 3160:

- 1.) Wet or saturate a rag with **Sur-Prep® 3160**.
- 2.) Wipe the area to be cleaned. This contamination removal from the surface can be done with either the wet cloth as illustrated in **Step 1** or with a dry one.
- 3.) Use either a dry wipe to accelerate the drying of the area or allow time for the **Sur-Prep® 3160** to evaporate.

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Sur-Prep® 3160 Application Procedures For Removing PVDF Adhesive Foam Tapes:

Sur-Prep® 3160 can be used for removing the following PVDF adhesive foam tape.

*BMS8-371 Ty1A 743-3WF from E&H Laminating

The procedures for removing the BMS8-371 Ty1A 743-3WF from E&H Laminating PVDF adhesive foam tape with **Sur-Prep® 3160** are as follows.

Tape untouched on the right, tape with upper layer removed in the center, and aged tape residue left behind from the the previous removal process.



Towel or Rag Application

- 2.) Apply **Sur-Prep® 3160** to a towel or rag and place on the tape residue.
- 3.) Allow **Sur-Prep® 3160** to dwell on top of the tape residue for 10 minutes.
- 4.) After 10 minutes of dwelling, use the towel or rag that is saturated with **Sur-Prep® 3160** to wipe up the softened adhesive and easily remove it from the surface.
- 5.) Continue wiping until all of the adhesive residue is removed.
- 6.) If the area has become dry, spray additional **Sur-Prep® 3160** to simplify the removal process.
- 7.) The surface will evaporate dry but can be wiped with a dry rag to accelerate the drying.

Panel wiped clean and is free of tape residues

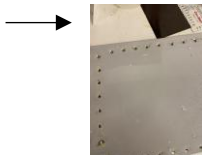


Spray Application With a Non-Metallic Scraper

- 1.) Spray **Sur-Prep® 3160** directly on to the foam adhesive and allow it to soak into the foam for 10 minutes.
- 2.) Take a non-metallic scrapper and scrape the foam tape to remove the foam and most of the adhesive.
- 3.) Use **Sur-Prep® 3160** to scrape off and wipe up any remaining residue.
- 4.) The wipe up process for the residual adhesive left on the surface can be sped up using a rag soaked with **Sur-Prep® 3160**. The surface will evaporate dry but can be wiped with a dry rag to accelerate the drying



Dry panel completely free of residues and ready for application of more foam



New tape installed with excellent adhesion and no further cleaning or drying steps required



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Sur-Prep® 3160 Application Procedures For Removing Corrosion Inhibiting Compounds (CIC's)

Allow **Sur-Prep® 3160** to dwell for approximately 5 minutes and then wipe it off. Do not allow **Sur-Prep® 3160** to dry on the surface. If drying commences, apply a light film of additional **Sur-Prep® 3160** and wipe off.



Sur-Prep® 3160 Product Packaging Part Numbers, and Other Materials To Purchase:

Sur-Prep® 3160

- *Case of 12 of 16 fl oz (473 mL) Aerosols-**010938**
- *Case of 4 each Gallon (4 each of 3.8 Liter) Cans-**008578**
- *5 Gallon (18.9 Liter) Pails-**008579**
- *55 Gallon (208 Liter) Drums-**008580**
- *Case of 6 Canisters of Towelettes (100026)
- *Case of 100 Individual Towelettes (011844)
- *Special Packaging Available Upon Request

Formit® Wands (12 Assemblies Per Package)

- *Formit®-18-Fan-006224
- *Formit®-18-180-006226
- *Formit®-18-360-006227
- *Formit®-18-STD-FOG-008352
- *Formit®-18-90-FOG-008353
- *Formit®-29-360-101321
- *Formit®-36-360-009131
- *Formit®-48-360 with metal sleeve-**009132**
- *Formit®-48-360 without metal sleeve-**10042**
- *Formit® Sample Pack (3 each of Formit®-18-Fan, Formit®-18-180, Formit®-18-360, Formit®-18-STD-FOG-100107)

Sprayer or Spray System	Protective Eyewear			
Gloves	Other Aliphatic Naphtha Based Wipe Solvents			
Sprayer or Spray System	Protective Eyewear	Wiping Objects (Rags, Towels, ect)	Non-Metallic Scraper	Ventilating Equipment



Sur-Prep® 3160 NSN: 6850-01-633-9843
(16 fl oz (473 mL) Aerosol)

Sur-Prep® 3160 1 Gallon (3.8 Liter) Can

Formit® NSN's: 4730-01-612-9914, NSN: 4730-01-661-8773 (**Formit®-18-Fan**); 6850-01-492-2942 (**Formit®-18-360**); 4730-01-632-0156 (**Formit®-18-STD-FOG**); 1560-01-658-8943 (with metal sleeve), 4730-01-659-5461 (without metal sleeve) (**Formit®-48-360**) 4730-01-632-0157 (**Formit®-48-Fan**)

For application questions regarding **Sur-Prep® 3160**, contact **Zip-Chem® Aviation Products** at (1) 408 782 2335 or zipchem@addevmaterials.com

