

## Safety Steps and Procedures To Follow Prior To Applying Sur-Prep® 3500-2:

Always refer to the **technical data sheet (TDS)**, **label**, and **safety data sheet (SDS)** prior to applying **Sur-Prep® 3500-2** if you have any questions about this product.

Always wear gloves, protective clothing, and protective eyewear to prevent **Sur-Prep® 3500-2** from contacting the skin and eyes.

Make sure there is proper ventilation in the area where **Sur-Prep® 3500-2** will be applied and wear a proper mask to prevent the inhalation of fumes from **Sur-Prep® 3500-2**.

Make sure there are no sparks, open flames, or other combustion sources in the area where **Sur-Prep® 3500-2** will be applied.

Make sure you have adequate lighting to see where **Sur-Prep® 3500-2** is being applied and to inspect surfaces for contamination and rework prior to applying **Sur-Prep® 3500-2**.

**Caution:** Sur-Prep® 3167 contains a combustible flash point of 120°F (49°C). Avoid skin and eye contact. In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water. If splashed into eyes, flush eyes with water for at least 15 minutes or until irritation subside. Wear nitrile gloves and safety glasses or goggles when handling this product. Consult SDS for additional information). **Danger:** Conversion coating material has a chromic acid mixture. Corrosive to skin and eyes. Avoid skin and eye contact. Avoid breathing mist from solution. Wear safety goggles or face shield and nitrile gloves when handling this product. In case of eye contact, flush eyes with water for at least 15 minutes, then seek medical attention. Consult SDS for additional information.

## Sur-Prep® 3500-2 Features and Benefits:

**Sur-Prep® 3500-2** is an **exterior fuselage structure surface prep kit** with a clear conversion coating material solution once it is applied to aluminum.

Each **Sur-Prep® 3500-2 Exterior Fuselage Structure Surface Prep Kit** contains

- An alkaline cleaning solution **pad (Step 1)**
- A deionized water wipe and dry towel **(Step 2)**
- **Sur-Prep® 3167 (Step 3)**
- Conversion coating material **(Step 4)**
- A deionized water wipe and dry towel **(Step 5)**

## Places Where Sur-Prep® 3500-2 Kit Can Be Applied:

**Sur-Prep® 3500-2** can be used to prepare bare exterior aluminum structures for **corrosion protection** or for **painting and sealing** and only for fuselage areas.

Do not use **Sur-Prep® 3500-2** on the interior structure, wing structure, or on fuel tanks. For the interior structure, please use the **Sur-Prep® 3500-1 Non-Decorative Interior Surface Prep Kit**.

# Sur-Prep® 3500-2 Instruction Manual

## Instructions For Using Sur-Prep® 3500-2:

**Note:** Both mating surfaces shall be **cleaned** and **conversion coated** prior to **painting** or **sealing**.

- 1.) **Remove** any loose paint or sealant with a **micarta scraper**.
- 2.) Vacuum area to remove any loose debris, metal shavings, and dirt
- 3.) **Lightly abrade** entire area of parts to be **sealed** or **painted** using **Step 1 – Scotch-Brite™ with alkaline cleaner**. Be sure to remove the **alcad identification marking**.
- 4.) **Wipe** area with a **Step 2 – Deionized water towel** to remove **soap residue** Immediately followed with the **dry wipe**.
- 5.) **Repeat** with a **second water wipe** and **dry**.
- 6.) **Clean** area with **Sur-Prep® 3167**. Do not allow **Sur-Prep® 3167** to dry on surface. **Wipe** it with the **dry wipe**.
- 7.) **Apply conversion coating material** by placing the unfolded **Step 4 – conversion coating material towel** on the surface. Allow the towel to sit on surface for **2-5 minutes**. Do not allow the **conversion coating material** to **dry** on the surface.
- 8.) **Neutralize** the **conversion coating material** by **wiping** with **Step 5 – Deionized water**. Immediately follow with the **dry wipe**.
- 9.) Place all used towels in **plastic bag**, remove all air from **bag** and **seal**. **Dispose** of **bag** as **hazardous waste**.  
  
(Caution: Do Not Allow Conversion Coating Material Towels To Dry, Spontaneous Combustion May Occur. Be Sure To Remove Air, Seal In Bag And Dispose Of Properly.)
- 10.) **Apply paint** or **sealant** within **two hours**, if required.

Please reach out to a **Zip-Chem® application expert** for tips on how to properly apply **Sur-Prep® 3500-2**.

## Sur-Prep® 3500-2 Product Pictures, Zip-Chem® Product Packaging Part Numbers, and Other Materials To Purchase:

### Sur-Prep® 3500-2

\*12-gram kit-**104089**

\*1 oz (28 gram) kit-**104090**

### Sur-Prep® 3500-1

\*12-gram kit-**104087**

\*1 oz (28 gram) kit-**104088**

Protective Eyewear | Gloves | Protective Clothing

Spill Containment Vessels and other proper devices for collecting runoff material

### Sur-Prep® 3167

\*Case of 12 of 16 fl oz (473 mL) Aerosols-**103765**

\*Case of 4 each Gallon (4 each of 3.8 Liter) Cans-**103762**

\*5 Gallon (18.9 Liter) Pail-**103763**

\*55 Gallon (208 Liter) Drum-**103764**

\*Special packaging upon request

Ventilation Equipment | Lighting Equipment | Proper Mask

Proper Scraping Device (Micarta, ect) | Vacuum | Plastic Bag

Conversion Coating Devices | Abrading Equipment

## Sur-Prep® 3500-2 Product Pictures, Zip-Chem® Product Packaging Part Numbers, and Other Materials To Purchase (Continued From Page 2):

Sur-Prep® 3500-2



For application questions regarding Sur-Prep® 3500-2, contact Zip-Chem® Aviation Products at (1) 408 782 2335 or [zipchem@addevmaterials.com](mailto:zipchem@addevmaterials.com).