

Safety Steps and Procedures To Follow Prior To Applying D-5035NS/ZC-035:

- 1.) Always refer to the safety data sheet (SDS) prior to applying **D-5035NS/ZC-035** if you have any questions regarding the following information about this product.
 - * Hazardous ingredients
 - * First Aid Measures
 - * Exposure Control and Personal Protection
 - * Toxicological Information
 - * Other regulatory questions
- 2.) Always wear gloves, boots, and goggles to prevent **D-5035NS/ZC-035** from making contact with the skin and eyes.
- 3.) When working with atomized version of **D-5035NS/ZC-035**, always wear a half-face mask with organic vapor cartridges if there is low ambient air movement or when working in confined spaces.
- 4.) Make sure there is proper airflow in the area where **D-5035NS/ZC-035** will be applied.
- 5.) Make sure there are no sparks, open flames, hot surfaces, or other heat and fire ignition sources in the area where **D-5035NS/ZC-035** will be applied.
- 6.) Keep **D-5035NS/ZC-035** away from any combustible materials or sources.
- 7.) Wear a respirator to prevent inhalation of fumes from **D-5035NS/ZC-035** especially if the ventilation in the area where **D-5035NS/ZC-035** will be applied is insufficient.
- 8.) Ensure that any primers and other coatings are cured before applying **D-5035NS/ZC-035**.
- 9.) Prior to applying **D-5035NS/ZC-035**, always cure sealants according to the instructions established by the manufacturer.
- 10.) Vacuum and wipe surfaces so that moisture and other foreign material that is on the surface can be removed.
- 11.) Clean surfaces with the following aliphatic naphtha based wipe solvents, such as **Sur-Prep® 3160**, **Sur-Prep® 3167**, and **D-5640NS/ZC-640**.



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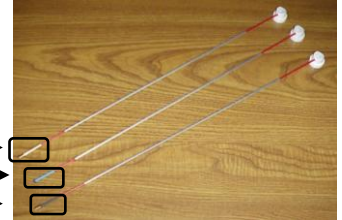
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MATERIALS

Methods For Applying D-5035NS/ZC-035:

1.) **D-5035NS** comes in aerosol packaging and can be applied via the following methods:

- * Spraying
- * **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 Spray (Blue Tube) Wand
- * **Formit**® 180° Spray (Black Tube) Wand



* **Formit**® 360° Spray Application Video



* **Formit**® Fan Spray Application Video



* **Formit**® 180° Spray Application Video



D-5035NS/ZC-035 Appearance Standards:

D-5035NS/ZC-035 is a heat resistant corrosion preventive for high temperature areas with a dry film thickness of 1.0 mil (25 microns) that provides a transparent coating.

D-5035NS/ZC-035 Product Information and Benefits:

- 1.) **D-5035NS/ZC-035** provides a firm and waxy coating that is easily removed with petroleum solvents, provides long term protection against corrosion, and provides over 1300 hours of protection on steel in a salt fog environment
- 2.) **D-5035NS/ZC-035** withstands continuous temperatures up to 350°F (177°C), with a short term exposure up to 430°F (221°C).
- 3.) **D-5035NS/ZC-035** neutralizes acid, dampens metal, displaces moisture, and provides adhesion.
- 4.) **D-5035NS/ZC-035** is free of heavy metals and chromates and has a low toxicity level.

Procedures For Applying D-5035NS/ZC-035:

- 1.) Use the **Formit**® 18-360 wand to coat difficult to reach areas
- 2.) Inspect the surface for proper coating under stringers, formers, and other structures that are not in the line of sight.
- 3.) Use for the initial protection during shipment and storage and for in-service treatment of critical areas

Areas Where D-5035NS/ZC-035 Should Be Applied:

D-5035NS/ZC-035 should be applied on:

- *Metal

Areas To Mask Prior To Applying D-5035NS/ZC-035:

1.) Mask areas that will not be coated with D-5035NS/ZC-035, such as:

- * Electrical Connectors
- * Pins and Joints In Sliding Surface Contact
- * Control Cables
- * Pulley and Quadrant Cable Grooves
- * Bushing and Bearings For All Types, which includes lined Teflon
- * Silicone or Rubber Seals
- * High Temperature Areas That Are Above 200°F (93°C)
- * Wire Bundles
- * Lubricated Surfaces (i.e Hydraulic Actuator Pistons)
- * Drain Valves
- * Oxygen System Components (i.e. bottles, pressure metering and indicating equipment and connections, ect)

D-5035NS/ZC-035 Product Pictures and Zip-Chem® Product Packaging Part Numbers:

D-5035NS/ZC-035

- *Case of 12 of 16 fl oz (473 mL) Aerosols (**D-5035NS**)-**002052**
- *Case of 4 each Gallon (4 each of 3.8 Liter) Cans (**ZC-035**)-**002115**
- *5 Gallon (18.9 Liter) Pails (**ZC-035**)-**002116**
- *55 Gallon (208 Liter) Drum (**ZC-035**)-**002117**
- *Specialized forms of packaging available upon request

D-5640NS/ZC-640

- *Case of 12 of 16 fl oz (473 mL) Aerosols-**002070 (D-5640NS)**
- *Case of 4 each Gallon (4 each of 3.8 Liter) Cans-**009430 (ZC-640)**
- *5 Gallon (18.9 Liter) Pails-**002155 (ZC-640)**
- *55 Gallon (208 Liter) Drum-**008181 (ZC-640)**
- *Specialized forms of packaging available upon request

Aliphatic Naphtha Based Wipe Solvents | Tin Foil | Apron

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) Drum-**008580**
- *Case of 6 Canisters of Towelettes-**100026**
- *Case of 100 Individual Towelettes-**011844**
- *Specialized packaging forms for customers

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) Pails-**103763**
- *55 Gallon (208 Liter) Drum-**103764**
- *Specialized forms of packaging available upon request

Formit® Wands (12 Assemblies Per Package)

- | | |
|------------------------------------|--|
| *Formit®- 18-Fan-006224 | *Formit®- 36-360-009131 |
| *Formit®- 18-180-006226 | *Formit®- 48-360 with metal sleeve- 009132 |
| *Formit®- 18-360-006227 | *Formit®- 48-360 without metal sleeve- 100424 |
| *Formit®- 18-STD-FOG-008352 | *Formit®- 48-Fan-008460 |
| *Formit®- 18-90-FOG-008353 | *Formit® Sample Pack (3 each of Formit®- 18-Fan , Formit®- 18-180 , Formit®- 18-360 , |
| *Formit®- 29-360-101321 | Formit®- 18-STD-FOG-100107 |

Gloves | Goggles | Protective Suit | Boots | Tin Foil | 250 Masking Tape Tan (Can Be Certified TO SAE-AMS3721)

Organic Vapor Cartridges | Curing Equipment | Vacuum | Wiping Materials | Inspecting Equipment | Spraying Equipment

Film Thickness Instruments

D-5035NS/ZC-035 Product Pictures and Zip-Chem® Product Packaging Part Numbers continued on the next page



D-5035NS/ZC-035 Instruction Manual

D-5035NS/ZC-035 Product Pictures and Zip-Chem® Product Packaging Part Numbers (Continued From Page 3):



← * 16 Fluid Ounce (473 mL) Aerosol (NSN: 8030-01-686-7249)



← * 1 Gallon (3.8 Liter Cans)

Sur-Prep® 3160 NSN: 6850-01-633-9843 (16 fl oz (473 mL) Aerosol); **D-5640NS NSN:** 8030-01-597-6958 (16 fl oz (473 mL) Aerosol)

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 **D-5035NS/ZC-035**, contact **Zip-Chem® Aviation Products** at (1) 408 782 2335 or zipchem@addevmaterials.com.