

Safety Steps and Procedures To Follow Prior To Applying D-5010NS/ZC-010:

- 1.) Always refer to the safety data sheet (SDS) prior to applying **D-5010NS/ZC-010** 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 and goggles to prevent **D-5010NS/ZC-010** from making contact with the skin and eyes.
- 3.) When working with atomized version of **D-5010NS/ZC-010**, 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-5010NS/ZC-010** 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-5010NS/ZC-010** will be applied.
- 6.) Keep **D-5010NS/ZC-010** away from any combustible materials or sources.
- 7.) Wear a respirator to prevent inhalation of fumes from **D-5010NS/ZC-010** especially if the ventilation in the area where **D-5010NS/ZC-010** will be applied is insufficient.
- 8.) Ensure that any primers and other coatings are cured before applying **D-5010NS/ZC-010**.
- 9.) Prior to applying **D-5010NS/ZC-010**, 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**.



Part of



Methods For Applying D-5010NS/ZC-010:

1.) **D-5010NS** comes in aerosol packaging and can be applied via the following methods:

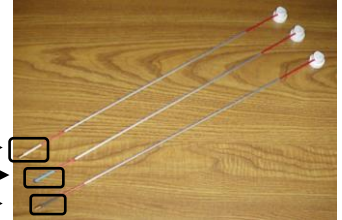
* Spraying

* **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-5010NS/ZC-010 Appearance Standards:

When applied properly, **D-5010NS/ZC-010** will remain in an oily state without congealing or becoming gummy.

D-5010NS/ZC-010 Product Information and Benefits:

- 1.) **D-5010NS/ZC-010** is a penetrating oil and corrosion inhibitor that removes light rust formations, penetrates rust, prevents rust and corrosion on all metals, displaces moisture, and is free of chromates and heavy metals.
- 2.) **D-5010NS/ZC-010** is harmless to plastics, rubber, and painted or plated surfaces.
- 3.) **D-5010NS/ZC-010** prevents electrolysis, has a low toxicity level, is non-conductive, and neutralizes acids that are left by fingerprints.
- 4.) **D-5010NS/ZC-010** lubricates beneath corroded surfaces, loosens and lubricates frozen parts, neutralizes and retards the effects of acids, alkalis, and corrosive environments.
- 5.) **D-5010NS/ZC-010** displaces moisture and small amounts of moisture left by condensation and neutralizes acid left by fingerprints.
- 6.) **D-5010NS/ZC-010** protects engines and small parts that go into long term storage and has a low toxicity level.

Application of D-5010NS/ZC-010:

- 1.) **D-5010NS/ZC-010** should be applied on aircraft, engine parts, other aircraft parts, delicate shop tools, gauges, instruments, plastics, rubber, painted or plated surfaces, parts going into long term storage, and all metals.
- 2.) **D-5010NS/ZC-010** penetrates to loosen threaded fasteners and shear pins.
- 3.) **ZC-010** is an excellent internal preservative for storage of turbine engines.



Part of



Areas To Mask Prior To Applying D-5010NS/ZC-010:

1.) Mask areas that will not be coated with **D-5010NS/ZC-010**, such as:

- * Oxygen System Components (i.e. bottles, pressure metering and indicating equipment and connections, ect)

D-5010NS/ZC-010 Product Pictures and Zip-Chem® Product Packaging Part Numbers:

D-5010NS/ZC-010

- *Case of 12 of 16 fl oz (473 mL) Aerosols (**D-5010NS**)-**002045**
- *Case of 12 each Quart (946 mL) units (**ZC-010**)-**010121**
- *Case of 4 each Gallon (4 each of 3.8 Liter) Cans (**ZC-010**)-**009412**
- *5 Gallon (18.9 Liter) Pails (**ZC-010**)-**002085**
- *55 Gallon (208 Liter) Drum (**ZC-010**)-**002086**
- *Specialized forms of packaging available upon request

Gloves | Goggles | Tin Foil | Aliphatic Naphtha Based Wipe

D-5640NS/ZC-640

- *Case of 12 of 16 fl oz (473 mL) Aerosols-**002070**
- *Case of 4 each Gallon (4 each of 3.8 Liter) Cans-**009430**
- *5 Gallon (18.9 Liter) Pails-**102155**
- *55 Gallon (208 Liter) Drum-**008181**
- *Specialized forms of packaging available upon request

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

250 Masking Tape Tan (Can Be Certified TO SAE-AMS3721)

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-100424
- *Formit®-48-Fan-008460
- *Formit® Sample Pack (3 each of Formit®-18-Fan, Formit®-18-180, Formit®-18-360, Formit®-18-STD-FOG-100107)



* 1 Gallon (3.8 L) Cans (009400)



* 16 Fluid Ounce (473 mL) Aerosol (007047)

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-5010NS/ZC-010**, contact **Zip-Chem® Aviation Products** at (1) 408 782 2335 or zipchem@addevmaterials.com.