ALUMAZITE ZY-138

An aluminum filled corrosion inhibitive coating
designed to prevent galvanic corrosion

IT DOES NOT CONTAIN ANY CHROME PIGMENTS

ALUMAZITE ZY-138 has excellent adhesion to all metals and eliminates the commonly acknowledged dangers of hydrogen embrittlement, or diffusion stress cracking, as related to cadmium plating processes.

ALUMAZITE ZY-138 meets the requirements of NAS 4006, MIL-C-85614 and BMS 10-85

SOME RECOMMENDED USES

ALUMAZITE ZY-138 has been proven and tested in such areas as automotive, marine, aircraft, missiles, farm equipment, fasteners, etc.

ALUMAZITE ZY-138 can be applied to materials such as:

- Titanium
- Aluminum
- Magnesium
- Steel
- Chrome
- Nickel
- Copper
- Brass
- Stainless

And many other materials as well.

ALUMAZITE ZY-138 is abrasion and heat resistant and can be used as a base for paint and other coatings.

PHYSICAL PROPERTIES

Recommended Thickness .............. 0.0003” to 0.0005”
Recommended Cure .................. 400°F (Part Temperature) for one hour
Temperature Range .................. -65°F to +600°F
Color ......................................................... Gold
Shelf Life ............................................. 12 months
**FLUID RESISTANCE of ALUMAZITE ZY-138**

Skydrol  
Gas Turbine Oil, MIL-L-7808  
Hydraulic fluid, MIL-H-5606  
Fluid, MIL-F-5566  
Silicone Fluid, DC 200  
MIL-O-5606  
MIL-C-3278  
Distilled Water  
Tap Water  
MEK  
Trichloroethylene  
Engine Fuel, MIL-G-5572  
Jet Fuel, MIL-J-5624  
Jet Engine Oil, MIL-O-6081  
Fluid, MIL-A3136, Type II Oil  
MIL-L-6082 1100  
Toluene  
Xylene  
Dioxane

**APPLICATION**

**IMPORTANT:** Shake or stir material before applying. Constant stirring is imperative for best results.

Apply ALUMAZITE ZY-138 evenly and avoid excessive buildup. If desired, additional coats may be applied after the first coat has dried five to ten minutes. Allow coated parts to dry 15 minutes before handling and final cure before using.

Through Tiodize Research, new ALUMAZITE corrosion coatings are formulated to meet the changing and demanding requirements of industry. Years of experience permit Tiodize to solve a wide array of corrosion problems. Our continuous research efforts let us provide our customers with improved products and processes, as well as up-to-date technical literature.

ALUMAZITE ZY-138 can be purchased in quarts, gallons and five-gallon pails.