

ALUMAZITE ZP-9

MEETS REQUIREMENT OF "REACH" PROGRAM

Alumazite ZP-9 is a low VOC corrosion protective coating that does not contain any metallics, such as chrome or other hazardous materials.

- SUPERIOR CORROSION RESISTANCE
- SUPERIOR FRETTING WEAR

SALT SPRAY

ZP-9 exceeds over 1000 hours of salt spray when applied at a thickness of .001 inches over bare steel.

WEAR TEST RESULTS

Fretting wear 5 oscillatory at 90cpm using LFW-1 ring and block.
Load: 40KSI (90lbs)
Life Cycles: 7350

UNDIRECTIONAL WEAR TEST

LFW-1 Ring and Block 72RPM
Load: 40KSI (90lbs)
Life Cycles: 12,900 Cycles
Friction Coefficient: .07 to .08 Dynamic

PHYSICAL PROPERTIES

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|-------------------|--------------------|
| Recommended Cure | 400°f for one hour |
| Temperature Range | -65°F +550°F |
| Color | Green Grey |
| Shelf Life | 12 months |

FLUID RESISTANCE

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|-----------------------|-----------------|-----------------------|------------------------------|
| ZP-9 is resistant to: | Xylene | Trichloroethylene | Engine Fuel, MIL-G-5572 |
| MEK | Tap Water | Silicone Fluid, DC200 | Jet Engine Oil, MIL-O-6081 |
| Skydrol | Distilled Water | Fluid, MIL-F-5566 | Gas Turbine Oil, MIL-L-7808 |
| Dioxane | MIL-O-5606 | MIL-L-6082 1100 | Hydraulic Fluid, MIL-H-5606 |
| Toluene | MIL-C-3278 | Jet Fuel, MIL-J-5624 | Fluid, MIL-A-3136, TY II Oil |