



TIODIZE[®]

TECHNICAL DATA

ALUMAZITE
ZAB

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ALUMAZITE ZAB

A REACH Compatible aluminum filled corrosion inhibitive coating
designed to prevent galvanic corrosion

IT DOES NOT CONTAIN ANY CHROME PIGMENTS

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

SOME RECOMMENDED USES

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

ALUMAZITE ZAB can be applied to materials such as:

Titanium	Steel	Copper
Aluminum	Chrome	Brass
Magnesium	Nickel	Stainless

And many other materials as well.

ALUMAZITE ZAB 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"
Room Temperature Cure Air Dry, 7 Days Min, 150°F 2 Hours,
300°F, 20 minutes.
Temperature Range -65°F to +600°F
Color Silver
Shelf Life 12 months

FLUID RESISTANCE of ALUMAZITE ZAB

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 ZAB** 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 ZAB is a two (2) part system ready for mixing on-site.