



www.antiseize.com

# ALUMINUM PLATE™

## Anti-Seize Compound

### Product Description

**Aluminum Plate™** is an Anti-Seize Compound that contains our Synthetic grease which is highly water resistant, non-melting, is enhanced with rust and corrosion inhibitors, anti-oxidants and loaded with synthetic graphite for lubricity and Aluminum particles for heat dissipation. This high-quality Anti-Seize Compound "Plates" surfaces with a film of aluminum and graphite to protect metal surfaces to temps. 2000°F (1095°C). **Aluminum Plate™** features a unique base polymer which depolymerizes and dissipates at temperatures above 400°F without leaving a caked on carbon residue like other Anti-Seize compounds will. This is a beneficial feature in applications which are subjected to high temperatures or frequent re-application of product.

**Aluminum Plate™** also features a highly water resistant carrier which helps guard against moisture penetration onto the substrate and guards against corrosion. It is ideal for Marine applications or any application subject to water exposure such as those found in Mining or Construction Equipment.

### Features & Benefits

- Withstands extreme weather conditions
- Highly water resistant
- Does not form caked on carbon residue at high temperatures
- Resists seizing, galling,
- Reduces friction
- Protects against rust and corrosion

### Industrial uses

Aircraft, Assembly and Manufacturing, automotive, Agricultural Equipment Mfg., Chemical Plants, Construction and Earth-moving, Farms and Irrigation, Metal Working, Marine and Shipyards, Municipal Sewage and Water treatment, Oil Drilling and Mining, Pulp and Paper Mills, Petroleum Refineries, Power Plants, Steel Mills and Foundries, Truck and Fleet Maintenance, Textile Mills.

### Applications include

All Threaded Metal Assemblies where an Anti-Seize Protection is desired. Use on Bolts, Fittings, Flanges, Gaskets, Keyways, Nuts, Plugs, Studs, Unions, Valves, etc. Ideal for Ovens, Heat Trolleys, Kilns, Stokers, or any Moving Parts in High Temperatures. Automotive Brake applications

### Shelf Life

**Aluminum Plate™** has a shelf life of 5 year or more when stored in a closed container. Shelf life may be much longer depending upon storage location and conditions. Store with container tightly sealed in a cool dry place for optimum shelf life. If slight separation occurs, stir product.

### Clean up

**Skin Contact:** Under normal usage - removal from skin with soap and warm water.

**Equipment:** Mineral Spirit type solvents work best also paint thinners, Kerosene and AST Solvent Degreaser.

### Typical Properties

Property	Value
Specific Gravity	1.10
Weight per gallon	9 LB
Penetration, ASTM D217-60T,	320 - 350
Oil Separation, 30 hr. at 158°F	<1%
Color	Aluminum
Solid Lubricants	21%
Carrier plus Additive	79%
4 Ball Wear Test, 40kg, 1200rpm	0.65
Friction Coefficient	.098
RoHS	Compliant

### Cautions

This product is not recommended for use on Oxygen systems or for use with strong oxidizing chemicals. Read all information on labels and Safety Data Sheets prior to use. All products should be tested & evaluated for a particular purpose prior to use.

6 oz. Pressurized cans require GHS labeling

### GHS information for Bulk material

**GHS Panel**  
**Classified as Non-Hazardous under**  
**HazCom 2012(OSHA GHS)**  
**Read SDS for additional information**

### Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

### Available sizes

**Size: 2oz BT, 6oz pres\*, 8oz BT, 15oz cart**  
P/N 32002 32006 32010 32015

**Size: 1#bt 2# can 8#can 42#pail, 130# keg, 425# drum**  
P/N: 32018 32025 32030 32050 32130 32455

**SLICKON Bolt Dip & Brush Applicator, 8 oz Refill Tube**  
P/N: 32338 32008

BT=Brush Top, Cart=Cartridge, \*= pressurized can