

E-Zee #1757

Antiseize Compound With No Mess Pressure Applicator



Features:

- Convenient, easy-to-use, "shoe polish" applicator
- Withstands extreme weather conditions
- Steam and water resistant
- Protects to 2,000°F
- Compatible with stainless steel
- Prevents rust and corrosion
- Chemical resistant
- Prevents galling and seizing

Description:

E-ZEE is designed as a preventative maintenance tool for protection of threaded fittings. This anti-seize contains a synthetic grease that is highly water resistant and non-melting. In addition, it has a unique base polymer which depolymerizes and dissipates at temperatures above 400°F without leaving a caked on carbon residue, which is ideal in high temperature and frequent applications. It is free of copper, so it can be safely used on stainless steel and other sensitive alloys. When applied as directed, this product "plates" metal surfaces with a film of aluminum and graphite, protecting them up to 2,000°F. A unique blend of metallic solids, dry-film lubricants and anti-galling agents provides a superior product that will not melt or run out after application.

Applications:

- Bolts
- Gaskets
- Plugs
- Valves
- Fittings
- Kilns
- Studs
- Ovens
- Flanges
- Nuts
- Unions
- Heat Trolleys

For Use By:

- Assembly & Manufacturing
- Construction Companies
- Metal Working
- Oil Drilling & Mining
- Power Plants
- Agriculture Equipment Mfg
- Earthmoving Companies
- Marinas & Shipyards
- Pulp & Paper Mills
- Steel Mills & Foundries
- Chemical Plants
- Farms & Irrigation
- Municipal Sewage & Water Treatment
- Petroleum Refineries
- Truck & Fleet Maintenance

Product Characteristics:

Appearance:	Aluminum-colored paste
Odor:	Slight odor
Boiling Point/Range:	>500°F
Flash Point:	>350°F
Solubility:	Not soluble.
Specific Gravity:	1.05
Penetration ASTM D217-60T:	320
Oil Separation – 30 hr @158°F:	<1%
Solid Lubricants	21%
4 Ball Wear Test 40 kg, 1200 rpm:	0.65
Friction Coefficient:	0.98
RoHS:	Compliant
Storage:	Store away from extreme heat and open flames. Store away from oxidizers.
Transport Information:	
Proper Shipping Name:	Aerosols
UN Number:	UN 1950
Class:	2.2
Packing Group:	None

Health	1
Flammability	0
Reactivity	0
Personal Protection	B



Directions:

1. Surface should be clean before applications.
2. Remove plastic cap from applicator.
3. Press applicator against threads to activate pressure valve to eject compound.
4. Move applicator around surface to apply compound evenly.
5. Replace plastic cap.

Caution: 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.

Pictograms:



Signal Word:

Warning

Personal Protective Equipment Required:





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1757	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	E-ZEE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Anti-Seize Compound with No-Mess Pressure Applicator	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:
Not hazardous in accordance with OSHA Haz Com Standard 29 CFR 1910.1200.

SIGNAL WORD:
WARNING

SYMBOL:



HAZARD STATEMENTS:

Gases under pressure.
Pressurized container: Do not pierce or burn, even after use.

PRECAUTIONARY STATEMENTS:

Prevention:

Keep out of reach of children.
Pressurized container: Do not pierce or burn, even after use.
Wash with soap and water thoroughly after handling.

Response:

IF ON SKIN: Wash with soap and water.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF IN EYES: Remove contact lenses if present and easy to do. Continue rinsing.

Storage: Store at temperatures not exceeding 122°F (50°C).

Disposal: Dispose of in accordance with local, state and federal regulations.

OTHER HAZARDS:

None.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Synthetic base oil	NJTSRN#1210-01	50-70
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	15-30
Graphite	7782-42-5	10-20
Aluminum	7429-90-5	10-20
Rust inhibitor	Trade Secret	1-3

The specific identity and/or exact percentage of composition has been withheld as a trade secret. The propellant in this product does not discharge when the product is used.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.

SKIN: Wash thoroughly with plenty of water. Get medical attention if irritation persists.

INHALATION:

Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

INGESTION:

If large amounts ingested, seek medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

None known.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Immediate medical attention generally not required.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray or fog, foam, carbon dioxide or dry chemical.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

This compound will not burn unless it is preheated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids, as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Wear appropriate personal protective equipment. Use caution: slip hazard.

ENVIRONMENTAL PRECAUTIONS:

Report spills and releases as required to appropriate authorities.

METHODS & MATERIALS FOR CONTAINMENT & CLEAN-UP:

Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Clean area thoroughly with mineral spirits.

7. Handling and Storage

SAFE HANDLING:

Avoid contact with eyes. Avoid prolonged skin contact. Do not transfer to unlabeled containers. Do not puncture or incinerate empty containers.

SAFE STORAGE & INCOMPATIBILITIES:

Store away from extreme heat and open flames. Store away from oxidizers.

8. Exposure Controls / Personal Protection

Chemical Name	Exposure Limits
Synthetic base oil	5 mg/m ³ TWA ACGIH TLV (inhalable) 5 mg/m ³ TWA OSHA PEL
Disilates (petroleum), hydrotreated heavy naphthenic	5 mg/m ³ TWA ACGIH TLV (inhalable) 5 mg/m ³ TWA OSHA PEL
Graphite	2 mg/m ³ TWA ACGIH TLV (respirable) 15 mg/m ³ TWA OSHA PEL (total dust) 5 mg/m ³ TWA OSHA PEL (respirable fraction)
Aluminum	1 mg/m ³ TWA ACGIH TLV (respirable) 15 mg/m ³ TWA OSHA PEL (total dust) 5 mg/m ³ TWA OSHA PEL (respirable fraction)
Rust inhibitor	None established

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety glasses or goggles recommended where needed to avoid eye contact.

Skin Protection: Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact.

Respiratory Protection: In operations where the occupational exposure limits are exceeded, a NIOSH-approved respirator with organic vapor/particulate cartridges or supplied-air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

ENGINEERING CONTROLS:

Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

9. Physical & Chemical Properties

Appearance:	Aluminum colored paste.	Explosion Properties:	None.
Odor:	Slight odor.	Oxidizing Properties:	Not oxidizing.
Odor Threshold:	Not established.	LEL:	Not established.
pH:	Not available.	UEL:	Not established.
Melting/Freezing Point:	Not available.	Aerosol Fire Protection Level:	Not applicable.
Boiling Point/Range:	>500°F	Vapor Density (air=1):	Not available.
Viscosity:	Not available.	Vapor Pressure:	Not established.
Flash Point:	>350°F	Solubility (water):	Not soluble.
Specific Gravity:	1.05	Auto-Ignition Temp:	Not available.
Evaporation Rate:	Not available.	Decomposition Temp:	Not available.
Flammability (solid, gas):	Not available.	Octanol/water Partition Coeff:	Not available.
		VOC Content:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Not reactive under normal conditions of use.

CHEMICAL STABILITY:

Stable under normal storage and handling conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

INCOMPATIBLE MATERIALS:

Avoid strong oxidizing agents and acids.

CONDITIONS TO AVOID:

Use with strong oxidizing chemical such as concentrated acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

Eyes: May cause mild irritation.

Skin: Prolonged contact may cause irritation and drying of the skin.

Inhalation: No adverse effects expected at ambient temperatures. In halation of vapors and fumes from thermal decomposition may cause respiratory irritation and metal fume fever with symptoms of fever and chills.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea.

CHRONIC HAZARDS:

Prolonged inhalation of thermal decomposition products may result in lung damage.

CARCINOGEN STATUS:

None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

ACUTE TOXICITY VALUES:

Graphite: Oral rat LD50 > 2,000 mg/kg, inhalation rate LC50 > 2 mg/L

Aluminum: Oral rat LD50 > 15,900 mg/kg, inhalation rat LC50 > 0.888 mg/L

Distillates (petroleum), hydrotreated heavy naphthenic: Oral rat LD50 > 5,000 mg/kg, inhalation rat LC50 2.18 mg/L, dermal rabbit LD50 > 2,000 mg/kg

12. Ecological Information

ECOTOXICITY:

Graphite: Danio rerio LC50 > 100 mg/L/96 hr

Aluminum: Lepomis cyanellus NOEC > 50 mg/L/96 hr

Distillates (petroleum), hydrotreated heavy naphthenic: Pimephales promelas LL50 > 100 mg/L/96 hr.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

None known.

13. Disposal Consideration

Dispose in accordance with all local, regional and national regulations.

14. Transportation Information

DOT: UN Number: UN1950

UN Proper Shipping Name: Aerosols.

Transport Hazard Class(es):

Class: 2.2

Packing Group: None.

ICAO/IATA:

UN Number: UN1950

UN Proper Shipping Name: Aerosols, non-flammable.

Transport Hazard Class(es):

Class: 2.2

Packing Group: None.

IMDG: UN Number: UN1950

UN Proper Shipping Name: Aerosols.

Transport Hazard Class(es):

Class: 2.2

Packing Group: None.

15. Regulatory Information

SAFETY, HEALTH, & ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION:

CERCLA Hazardous Substance (Section 103)/RQ: This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Not hazardous.

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: Aluminum, 10-20%

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65:

This product is not known to contain listed chemicals.

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

Application of this high quality, anti-seize compound makes the removal of nuts and bolts easy, even after exposure to extremely high temperatures. Our unique applicator system allows the compound to be quickly and neatly applied to threads without dripping, mess or waste. Now you can get a tough job done with clean hands.

This product provides outstanding protection against rust and corrosion on any type of metal and insures easy disconnection for bolts, spark plugs, threaded fittings, gaskets and bushings.

Automotive applications include engine head bolts, exhaust manifold studs, starter and alternator bolts, springbolts, lugnuts and spark plugs.

DIRECTIONS

1. Surface should be clean before application.
2. Remove plastic cap from applicator.
3. Press applicator against threads to activate pressure valve to eject compound.
4. Move applicator around surface to apply compound evenly.
5. Replace plastic cap.

**KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE**

**FOR ADDITIONAL INFORMATION REFERENCE
THE PRODUCT SAFETY DATA SHEET (SDS).**

MADE IN U.S.A.

An Exclusive Product of:
PRO CHEM, INC.
1475 Bluegrass Lakes Parkway
Alpharetta, GA 30004
1-800-241-8180
www.procheminc.com

#1757



WARNING



GASES UNDER PRESSURE.
PRESSURIZED CONTAINER. DO NOT
PIERCE OR BURN EVEN AFTER USE.

PRECAUTIONARY STATEMENTS:

Prevention: Keep out of reach of children.
Pressurized container; Do not pierce or burn even
after use. Wash with soap and water thoroughly
after handling.

Response: IF ON SKIN: Wash with soap and
water. IF SWALLOWED: Rinse mouth. Do NOT
induce vomiting. IF IN EYES: Remove contact
lenses if present and easy to do, continue rinsing.

STORAGE: Store at temperatures not
exceeding 122°F (50°C).

DISPOSAL: Dispose of in accordance with
local, state and federal guidelines.

Ingredients (CAS #s): Synthetic Base Oil
(NJTSRN#1210-01), Distillates (petroleum),
hydrotreated heavy naphthenic (64742-52-5),
Graphite (7782-42-5), Aluminum (7429-90-5),
Rust inhibitor (Trade Secret)

HMS Ratings: Health: 1, Flammability: 0,
Reactivity: 0, Personal Protection: B



E-ZEE

HIGH TEMP NON-AEROSOL NO-MESS ANTI-SEIZE COMPOUND

**Pressure Applicator
Eliminates Waste
Just Depress Nozzle and
Wipe on Threads
Protects Against Galling and Seizing
Waterproof/Lubrication to 2000°F**

WARNING:

GASES UNDER PRESSURE.
PRESSURIZED CONTAINER. DO NOT
PIERCE OR BURN EVEN AFTER USE.

NET WT. 6 OZ. (170 GRAMS)