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Technical Data Sheet

Permatex® Food Grade Anti-Seize

INDUSTRIAL

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Food Grade Anti-Seize lubricant is a premium, synthetic, food grade, non-drying anti-seize compound. Permatex® Food Grade Anti-Seize is formulated with PTFE and other lubricating solids in a non-melting carrier. Food Grade Anti-Seize is NSF H-1 White Book listed which gives it full acceptability for use in all areas where incidental food contact may occur.

PRODUCT BENEFITS

- NSF H-1 rated
- Contains PTFE
- Kosher approved
- Effectively lubricates assemblies exposed to high temperatures and heavy contact pressures
- Suitable for service up to 482°C (900°F)
- Reduces corrosion and seizing due to weathering or chemicals
- Permits easy disassembly of parts exposed to heat or corrosive environments

TYPICAL APPLICATIONS

Industrial Food Industries

- Prevents seizing and fretting of high temperature assemblies
- Meat and poultry packing plants
- Dairy products processing plants
- Grain processing plants
- Bakeries
- Beverage plants
- Bakeries
- Pipe joints
- Nuts, bolts, studs
- Flange gaskets
- May be used on brass, black iron, galvanized steel, stainless steel, aluminum, copper, PVC, fiberglass reinforced pipes
- General plant maintenance

DIRECTIONS FOR USE

1. Clean mating surfaces before application
2. For best results, apply to clean, dry surfaces.
3. Clean surfaces with Permatex® Brake & Parts Cleaner.
4. Wire brush any loose surface rust.
5. Apply Food Grade Anti Seize to the parts that require protection.
6. Reassemble parts using normal torque values.
7. Wipe off excess material.

For Cleanup

1. Clean parts of excess material with disposable towel.
2. Clean hands with Permatex® brand hand cleaners.

PROPERTIES OF MATERIAL

	Typical Value
Chemical Type	Synthetic based
Appearance	White paste
Odor	Mild odor
Specific Gravity	1.18
NLGI Grade	1
Temperature Range, °C (°F)	-29 to +482(-20 to +900)
Flash Point, ASTM D-92 C.O.C.(°F)	400
Worked Penetration ASTM D-217	310 - 340

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Ordering Information

Part Number	Container Size
82448	8 oz. brush-top bottle

Storage

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range.

Note

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PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.
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