

BOSS[®] 505 Copper Anti-Seize Compound

TYPICAL PROPERTIES

Color.....	Copper
Consistency.....	Paste-like
Penetration, ASTM D-217-60T, unworked	290
Penetration, ASTM D-217-60T, worked, 100-3,000 stroked	320-33
Oil Separation, 30 hrs. at 158°F	2
Flash Point, ASTM D-92-57 (IP36/65).	420°F
Percent through 325 mesh screen	9
Coefficient of Friction	0.1
Specific Gravity	1.2
Service Temperature	-65°F to 2000°F
Application Temperature	-30°F to 140°F

*Information on this data sheet is subject to change without notice and should not be used for writing specifications.
For additional information on specific applications, contact Accumetric, LLC



DESCRIPTION

BOSS[®] 505 Copper Anti-Seize Compound is a top quality compound composed of fine copper powder and graphite in a high heat organic carrier designed to protect threaded connections and flanges at temperatures up to 2000°F and extreme pressure conditions in excess of 3,000 psi. **BOSS[®] 505** Copper Anti-Seize Compound positively prevents seizing and galling while protecting against pitting, rust and corrosion.

BOSS[®] 505 Copper Anti-Seize Compound does not separate. It is a non-dripping, non-hardening compound, permitting quick, easy disassembly or removal of connections, even after lengthy service under severe conditions. Stress, strain and time to disassemble are greatly diminished. By applying **BOSS[®] 505** Copper Anti-Seize Compound, wrench torque is reduced to a minimum allowing the initial connection to be drawn to a greater degree of tightness, yet threads and parts are protected from galling and breaking, allowing them to be reused many times over.

FEATURES

- Specifically designed for stainless steel and similar alloys
- Speeds up assembly and disassembly of parts
- Protects against rust
- Prevents breakage during disassembly after exposure to high temperatures
- Prevents seizing and swelling together of metal parts
- Can be used as a tapping compound
- Reduces burning off and replacement of studs
- Resists salt water corrosion

SPECIFICATIONS

BOSS® 505 Copper Anti-Seize Compound exceeds requirements of MIL-A-907E.

HOW TO USE

1. Clean both surfaces before application. Surfaces should be dry for optimal results.
2. Apply **BOSS® 505** Copper Anti-Seize Compound to parts.
3. Reassemble parts as normal.
4. Wipe off excess material. Parts may be put in service immediately.

CLEAN UP

Spilled silicone greases and compounds will cause slippery conditions. Wipe up and clean spills immediately to prevent possible injury.

Silicone greases and compounds may be cleaned with the use of hydrophobic solvents (non-polar) such as chlorinated ethanes, toluene, hexane or mineral spirits. They are generally unaffected by hydrophilic solvents (polar) such as alcohols, ketones, ethers or water.

Whenever solvents are used, all proper safety precautions must be observed. It is advisable to consider all solvents as toxic and use them only in well ventilated areas with proper protective equipment such as goggles, gloves, clothing and respirators. Avoid prolonged exposure to solvents. Be aware of their flammability status.

Consult applicable OSHA, EPA and other federal, state and local regulations on the use and disposal of solvents.

Make sure that the choice of solvent does not affect the substrate that is being cleaned.

PACKAGING

BOSS® 505 Copper Anti-Seize Compound is available in 8 Oz. brush top cans.

SHIPPING LIMITATIONS

None
Nonreactive VOC 3.2 g/l (<1% wt)

LIMITATIONS

Do not use with highly oxidative chemicals such as liquid oxygen, chlorine or peroxides.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 505** Copper Anti-Seize Compound has a shelf life of 12 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

CAUTION

Do not take internally. Wash with soap and water after handling or exposure to skin. If eye contact occurs, flush eyes with clean water for 15 minutes. If ingested and conscious, drink large amounts of water and induce vomiting. If conscious or not, obtain immediate medical attention. Keep container closed when not in use. **KEEP OUT OF REACH OF CHILDREN.** For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-warranty: Because the storage, handling and application of the material is beyond Accumetric's control, we can accept no liability for the results obtained. Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

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