



PRODUCT DATA SHEET



BREAK OUT™

High Temperature Anti-Seize and Lubricant

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DESCRIPTION:

Break-Out™ is an excellent high temperature anti-seize and lubricant. It is made from an exclusive formulation of pure polished micro-fine copper flakes and graphite particles dispersed uniformly in a highly efficient non-volatile lubricant base. It is the ideal solution for the industry-wide problem of lubrication, corrosion protection and easy break-out in extremes of temperature and pressure.

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CHARACTERISTICS:

- Easy break-out without galling threads from -65 degree F (-54 degree C) to 1800 degree F (982 degree C)
- Contains no lead
- Recommended for stainless steel up to 550 degree F (288 degree C)
- Exceeds military specification MIL-A-907E
- Ideal for outdoor use - resists water wash off
- Contains extreme pressure additives and a high temperature, corrosion resistant grease to resist rust in harsh environments
- Will not run, drip, or settle out
- Creamy consistency for easy application

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APPLICATIONS:

Break-Out™ is ideal for use as an anti-seize and lubricant for such applications as steam turbines, superheat lines, shackles, hatch covers, pins and dies, sliding bearings, bolts, nuts and screws, bushings, U-bolts, studs, pipe fittings, gaskets, taps, flanges, unions, chains, valve stems, cylinders, heads, boilers, furnaces, engines, autoclaves, reactors and heat exchangers. It may be used at temperatures up to 1800 degree F (982 degree C). It should not be used on stainless steel exposed to temperatures above 550 degree F (288 degree C) or on oxygen systems. For stainless steel above 550 degree F, use RectorSeal® Copper-Rich™.

It is for industrial use only by trained professional personnel.

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PACKAGING:

Code	Size	Qty. Per Case	Lbs. per Case	Cu. Ft Per Case
73551	8 oz. brush top (227 g)	12 cans	11	0.25
73861	12 oz. aerosol (341 g)	12 cans	12	0.46
73431	1 lb. brush top (454 g)	12 cans	18	0.43
73333	2 lb. friction top (908 g)	12 cans	32	0.75
73271	9.6 lb. friction top (4.4 kg)	4 cans	44	0.94
73361	48 lb. pail (21.8 kg)	1 pail	52	1.12

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INSTRUCTIONS:

1. Apply Break-Out™ directly to the area to be protected or joined.
2. Work into the threads or crevices with a flexible-bristled brush.
3. Assemble as usual.

DO NOT USE BREAK-OUT™ AS A THREAD SEALANT AGAINST INTERNAL PRESSURE.

For additional technical information, call Toll Free 1-800-231-3345.

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PRECAUTIONS:

FOR INDUSTRIAL USE ONLY BY TRAINED PROFESSIONAL PERSONNEL

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT,

CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

PRECAUTIONS: May cause skin and eye irritation. May be harmful if swallowed. Avoid prolonged contact with skin, eyes, and clothing. Do not ingest. Wash thoroughly after handling. **FIRST AID:** For any overexposure, get immediate medical attention after first aid is given. **Eyes and Skin** - Flush with large amounts of clean water for at least 15 minutes. Inhalation - Remove to fresh air. Give oxygen or artificial respiration if needed. **Ingestion** - INDUCE VOMITING. Only if conscious, give large amounts of water. If unconscious, do not give anything by mouth or attempt to induce vomiting. SEEK IMMEDIATE MEDICAL ATTENTION. **STORAGE AND HANDLING:** Store in cool place away from all food. Keep container upright and tightly closed when not in use. Do not reuse or burn empty container - rinse thoroughly and dispose of properly. **KEEP OUT OF REACH OF CHILDREN.**

For additional information, refer to Material Safety Data Sheet.

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SPECIFICATIONS:

Wt/Gal @ 77 degree F	10.0 +- 0.5 lbs/gal
Flash Point SETA CC	466 degree F
Color	Bronze
Shelf Life	2 years minimum
Federal Specification	Exceeds MIL-A-907E

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.

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LIMITED WARRANTY:

RectorSeal® makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RECTORSEAL®. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal® shall not be liable for incidental or consequential damages.

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MANUFACTURED IN U.S.A. BY

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