

**MMC77[®]**

Technical Data Sheet

Copper Anti-seize

PRODUCT DESCRIPTION

MMC 77 is a high-performance anti-seize product designed to withstand extreme temperatures and harsh conditions. Formulated with premium base oil, copper, graphite, and zinc, it provides superior protection against rust, corrosion, and seizing. **MMC 77** ensures smooth operation, extends equipment life, and is your trusted solution for demanding anti-seize applications.

PRODUCT BENEFITS

- Prevents rust and corrosion
- Ease of disassembly
- Washout-resistant
- Wide temperature range
- Long-lasting protection
- Non-reactive
- Heat-stable and non-melting
- Resistant to chemicals

TYPICAL APPLICATIONS

- Automotive
- Backing plates and guides
- Brake pads and hardware
- Marine
- Electrical
- Manufacturing

DIRECTIONS FOR USE

1. Clean and dry the area to be treated. Use a wire brush if necessary.
2. Apply a thin, even coat of anti-seize to threads or contact surfaces.
3. Use a clean cloth, brush, sponge, or finger to apply the lubricant.
4. Wipe away any excess product.

PHYSICAL PROPERTIES

Property	Typical Value
Chemical Type	Petroleum
Appearance	Paste
Flash Point	See MSDS
Temperature Range	-40°C to 1149°C / -40°F to 2100°F

GENERAL INFORMATION

MMC 77 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.

* **Note:** Avoid contact with plastic or rubber (may cause degradation).

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

ORDERING INFORMATION

Item Number	Container Size
M77BT227	8 oz (227g) brush-top bottle
M77BT454	16 oz (454g) brush-top bottle
M77PL5	5 kg (11 lbs) HDP 2-gallon pail
M77PL16	16 kg (35.3 lbs) HDP 5-gallon pail
M77PL22	22 kg (48.5 lbs) UN1A2 drum

STORAGE

Store in a cool, dry location in unopened containers. Ideal storage temperature: 8°C to 28°C (46°F to 82°F), with optimal storage at the lower half of this range. To prevent contamination, do not return unused product to the original container. MMCC Ltd. cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local MMCC representative.

DISCLAIMER

The data provided in this Technical Data Sheet is for informational purposes only and is believed to be reliable. Micro-Metal Compounds Canada Ltd does not assume responsibility for the results obtained by others over whose methods we have no control. We disclaim all warranties, expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from the sale or use of our products. Micro-Metal Compounds Canada Ltd is not liable for consequential or incidental damages of any kind, including lost profits. This product may be covered by one or more United States or foreign patents or patent applications.

SPECIFICATIONS

- Nut Factor (K-factor): 0.15
- **Note:** Torque values should be adjusted based on the nut factor to ensure proper bolt tension. Consult engineering guidelines for specific applications.
- Conforms to MIL-PRF-907F

NOT FOR PRODUCT SPECIFICATIONS.
THE TECHNICAL DATA PROVIDED HERE IS FOR REFERENCE PURPOSES ONLY.
FOR ASSISTANCE AND RECOMMENDATIONS REGARDING YOUR SPECIFIC APPLICATION, PLEASE CONTACT THE TECHNICAL SERVICE DEPARTMENT AT
MICRO-METAL COMPOUNDS CANADA Ltd. 23139 HIGHBURY AVE, DENFIELD ON N0M 1P0 PHONE: 519-439-0321 Revised: 01/25