

ANDEROL PRODUCT DATA SHEET

ROYCO® 1MS

THREAD COMPOUND, ANTISEIZE, MOLYBDENUM DISULFIDE - PETROLATUM

GENERAL INFORMATION

ROYCO 1MS is a blend of lubrication grade micro fine powdered molybdenum disulfide that conforms to Mil-M-7866, and technical grade petrolatum conforming to VV-P-236. This compound is non-abrasive, highly shear stable, and has a relatively low volatility compared to some thread compounds.

TYPICAL PROPERTIES:

PROPERTIES	ROYCO 1MS
Worked Penetration, 77°F, ASTM D-217	220
Stability, FTM 791-3003	PASS

ROYCO 1MS

For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

®ANDEROL is a reg. trademark of ANDEROL Inc.

This information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best of OUR knowledge or obtained from sources believed by ANDEROL to be accurate. ANDEROL does not assume any legal responsibility for use of reliance upon it. Only chemists or chemically qualified lab technicians should carry out tests. Before using any chemical, read its label and Material Safety Data Sheet.

APPLICATIONS

ROYCO 1MS is particularly suitable for use on aircraft engine spark plugs and threaded fasteners and fittings at temperatures below 800°F. At higher temperatures, compound conforming to Mil-T-5544 (ROYCO 44) should be used in lieu of ROYCO 1MS. Since this material is an electrical conductor, it is especially suited for anti-seize applications where the thread compound will not impede the flow an electrical current.

ADVANTAGES

- Electrical conductor
- Superior anti-seize ability
- Excellent shear stability
- Low volatility

COMPATABILITY

ROYCO 1MS is an electrically conductive thread compound and should be used with discretion in or near electrical equipment. It is not a sealing compound and should not be used in oxygen systems.

APPROVALS

ROYCO 1MS meets all requirements and is qualified to the current revision level of US MIL-SPEC: MIL-PRF-83483.

R1MS: 11/30/01: edited 10/12/04 by GMG



ANDEROL Inc.
PO Box 518, 215 Merry Lane
East Hanover, New Jersey USA
Tel: 888-ANDEROL
Or Tel: (973) 887-7410
Fax: (973) 884-3825
E-mail: info@anderol.com