

ANTI-OXIDANT PRODUCTS:

Prepared as a membership service by the American Radio Relay League, Inc., 225 Main St., Newington, CT 06111
(203) 666-1541, FAX (203) 665-7531, BBS (203) 666-0578, MCI 215-5052, Internet: tis@arrl.org

The following is a list of paste and grease-like products for the prevention of oxidation of aluminum in electrical connections and antenna installations:

NOTE: Prices are per February 1993.

Manufacturer:

Butternut Electronics Company
PO Box 1234
Olmito, TX 78575

Telephone: (210) 350-5711; FAX: (210) 350-5044

Product Name: Butter-It's-Not

Source: Direct if not stocked by local authorized dealer.

Price: \$3.00/ Envelope

Notes: Contains copper dust in a molybdenum suspension.

Manufacturer:

GB Electrical
6101 N. Baker Road
Milwaukee, WI 53209

Telephone: 1-800-558-4311

Product Name: OX-GARD

Source: Available from many electrical supply houses and retail outlets. No Factory direct sales. GB catalog number OX-100B.

Price: Approximately 1.75/ 1-oz tube

Manufacturer:

Ideal Industries, Inc.
Becker Place
Sycamore, IL 60178

Telephone: 1-800-435-0705/ 1-815-895-5181; FAX:
1-800-533-4483

Product Name: NOALOX

Source: Distributors (Call 800 number for nearest one) & Ham Pro Antennas/ Division of Kopps Corporation Source Address: (Ham Pro) 6199-B Warehouse Way, Sacramento, CA 95826 Source Telephone: 916-381-4469 Fax:

916-381-4332 Price: Ideal list price \$2.46/ half oz tube (#30-024) and \$8.10/8oz bottle.

Notes: Also available from many electrical wholesale supply houses. No factory direct sales. Contains zinc particles suspended in a carrier.

Manufacturer:

Loctite Corporation
Kansas City, KS 66115

Telephone: N/A

Product Name: Permatex (R) ANTI-SIEZE

Source: Automotive supply distributors, hardware stores

Notes: Comes in a 1-oz. squeeze tube, 8 fluid-oz. brush-top container and a 12-oz. aerosol can. Can be used on the threads of U-bolts to prevent "siezing, galling and corrosion." It aids in the future dissassembly of the antenna's hardware.

Manufacturer:

Mirage/KLM Communications Equipment
PO Box 1000
Morgan Hill, CA 95038

Telephone: 1-408-779-7363; FAX: 1-408-779-8845

Product Name: Conductive Paste

Source: Factory direct and larger dealers.

Price: \$3.50 plus shipping & handling/ 1+ ounce containers

Notes: Anti-seize thread compound Hi-Temperature MIL-A-907E. Contains copper and graphite flakes suspended in a petroleum base. Manufactured for Mirage/KLM by Chemical Commodities Agency, Inc. of Highland, CA per MIL-A-907E.

Manufacturer:

Sanchem, Inc.
1600 S. Canal Street
Chicago, IL 60616

Telephone: 1-800-621-1603 Out of State/ 1-312-733-6111;
FAX: 1-312-733-7432

Product Name: NO-OX-ID

Source: Direct from Manufacturer

Price: \$10/16oz can or \$32/4 8oz tubes

Notes: NO-OX-ID comes in several consistencies.

NO-OX-ID "A" and NO-OX-ID "A-Special" are suitable for most antenna installations. NO-OX-ID "A-Special" is similar to NO-OX-ID "A" but has a small amount of solvent added for ease of application.

Manufacturer:

Thomas & Betts Company
1555 Lynnfield Road
Memphis, TN 38119

Telephone: 1-800-888-0211; FAX: 1-800-888-0211

Product Name: Alumina-Shield

Source: No direct factory sales. Available from many electrical supply distributors.

Price: Approximately \$11/ 8oz can.

Notes: Customer may call 800 number for location of nearest distributor. Contains zinc particles suspended in a petroleum base.

Manufacturer:

Burndy Electrical
101 E. Industrial Park Dr.
Manchester, NH, 03108

Telephone: 1-800-346-4175; FAX: 1-800-346-9826

Product Name: Penetrox (PEN-A)

Source: Electrical wholesalers. Call for nearest distributor.

Price: \$5.90/ 3oz tube

Notes: Zinc particles suspended in a natural based compound.

Manufacturer:

Ilseco Corporation
4730 Madison Road
Cincinnati, Ohio 45227

Telephone: 1-513-871-4000; FAX: 1-513-533-6274

Product Name: DE-OX

Source: No factory direct sales. Available from electrical supply wholesalers and distributors. Customer may call for nearest distributor.

Price: Approximately \$2.25/ 1oz, \$3.85/ 4oz and \$5.70/8-oz squeeze bottle.

Notes: Used in the electrical trade for Al/Cu and Al/Al connections. Green colored grease with no noticeable particles in suspension.

Manufacturer:

Antennas West
PO Box 50062
Provo, Utah 84605

Telephone: 1-801-373-8425; FAX: 1-801-375-4664

Product Name: Goose Grease

Source: Factory direct sales only.

Price: \$1.00/ 1oz + and \$1.00 p&h.

NOTES: Transparent silicone grease. Antenna West also recommends this product for ground rod clamp connections.

Manufacturer:

Mosley Electronics, Inc.
1344 Baur Blvd.
St. Louis, MO 63132

Telephone: 1-800-966-7539/ 1-800-325-4016/
1-314-994-7872

FAX: 1-314-994-7873

Product Name: 1) Mosley Penatrox (Conductive Grease)
2) Weather Guard (Clear spray coating)

Source: Factory direct sales only.

Price: Mosley Penatrox- \$3.75 / packet + postage. Weather Guard- \$7.85/ 8oz spray can + shipping

Notes: Mosley Penatrox is a greaselike product. Weather Guard is a clear spray especially recommended for marine and coastal environments. Weather Guard cannot be shipped via the post office; UPS required.

FINAL NOTES: 1) Graybar: Call 1-800-982-0030 for name of a local distributor.