ANTI-OXIDANT PRODUCTS:

Prepared as a membership service by the American Radio Relay League, Inc., 225 Main St., Newington, CT 06111
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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:** Butternut-It's-Not
**Source:** Direct if not stocked by local authorized dealer.
**Price:** $3.00/Envelope
**Notes:** Contains copper dust in a molybdemum 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 $2.46/1/2 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 disassembly 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 R oz 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: Aluma-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:
Illco 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: $1.20/1oz + 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.