



## ESGARD “P” PRESERVATIVES

**Esgard** introduces the “P” PRESERVATIVES. These coatings are used in preservation and packaging of items such as gears, turbines, lubrication systems, steam components, fill and drain voids and other metal items.

**Features of all five include:**

Qualified as per specification “MIL-C-16173E,” GRADES 1 – 5, CLASSES I & II, and LOW VOC (Volatile organic content). The V.O.C. of each is under 2.8 lbs/gal (340 grams/liter), easily removable, contains no hazardous ingredients, have no effect on barrier materials, and have no effect on carbon seals.

**All five exceed specification requirements for the following:**

Humidity Cabinet (ASTM D-1748) – Salt Spray (ASTM B-117) – Shed Storage / Long Term Exposure – Low Temperature Adhesion – Low Temperature Recovery – Low Temperature Spray Ability – Corrosion Versus Brass, Cadmium, Zinc, Magnesium, Aluminum, Steel and Lead Calcium Alloy.

### SERVICE INFORMATION

ESGARD PRODUCT	MIL-P-16 TYPE	INTENDED USE AS PER MIL-17286C (SHIPS)
PL-1	P-1	External finish-machine surfaces; external assemblies; disassembled webs of large gears; associated repair parts, accessories and instruments as specified.
PL-2	P-1	Internal metal surfaces normally in contact with oil; bearings, oil reservoirs and passages, external oil and steam piping, secondary assemblies such as steam strainers, valve gear mechanisms and main oil pumps which have surfaces in contact with or are lubricated by oil; reduction gear casing, covers and rotating elements; turning gears, associated repair parts, accessories and instruments as specified.
PL-3	P-3	Internal metal parts that normally operate in contact with steam; carbon packing rings; internal steam lines; secondary assemblies normally in contact with steam; associated repair parts, accessories and instruments as specified.
PL-4	P-19	Disassembled webs of large gears; associated repair parts, accessories and instruments as specified; or where specifications call for a “TACK FREE” coating.
PL-5	P-21	In place of grade 3 (P-3) preservatives where protected metal may be attacked by an alkaline treatment during the preservation removal stage.

Esgard has over 30 years experience. The “P” PRESERVATIVES are formulated and manufactured in our U.S. government certified facility.

*Manufacturers of Quality Paints, Protective Coatings, and Lubricants*  
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