



**ESGARD**

**ESGARD PL-2.2  
MIL-PRF-16173E CLASS II GRADE 2  
(FORMERLY PL-2)**

<b>DESCRIPTION</b>	PL-2.2 is an easy removable, soft, thin film preservative. It contains an effective corrosion inhibitor to protect metal surfaces while in manufacturing, storage, or shipping. PL-2.2 is a listed qualified product under MIL-PRF-16173E CLASS II GRADE 2 (aka: P-2 preservatives).
<b>FIELD OF APPLICATION</b>	PL-2.2 is intended for extended undercover protection of interior or exterior OF surfaces of machinery, instruments, bearings or material with or without use of supplementary barrier materials. PL-2.2 is also used for outdoor protection of material for limited periods where metal temperatures do not reach levels which produce prohibitive flow of the corrosion preventive film.

**TECHNICAL DATA**

FILM PROPERTIES	Soft, amber rust preventive film
TYPE	VOC compliant, blended oil
DENSITY	7.8 lbs/gal (0.9 kg/l)
FLASH POINT	355°F (179°C) COC
VOLUME SOLIDS	99%
COVERAGE (Theoretical)	800sq ft/gal at 2 mils 19.6 sq m/l at 50 microns
VOC	Less than 10 gr/l (0.1 lbs/gal)
DRY TIME	Tacky, oily film

**SURFACE PREPARATION** Surfaces should be cleaned free of all dirt, rust, hydrocarbons and other surface contaminants.

**APPLICATION** PL-2.2 is supplied ready-to-use. Agitate well before using as some separation may occur.

SPRAY: Use conventional or airless equipment. Tip size should be such to allow for adequate atomization and single coat application. Apply to 2 mils (50 microns) wet film thickness.

*Manufacturers of Quality Protective Coatings*  
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**BRUSH:** Apply coating to the item via clean, quality paint brush. Take care to apply an amount sufficient to ensure a uniform wet film thickness of 2 mils (50 microns).

**ROLLER:** Apply coating to the item via clean, quality roller. Take care to apply an amount sufficient to ensure a uniform wet film thickness of 2 mils (50 microns).

**DIP:** Maintain PL-2.2 at 60°F (15°C) or higher. Viscosity increase at lower temperatures will cause excess millage build-up during application.

**FILL AND DRAIN:** Fill item to be protected with coating, drain out completely, ventilate till gas free and seal.

<b>THINNING</b>	DO NOT THIN OR DILUTE. APPLY AS SUPPLIED.
<b>REMOVAL</b>	Esgard Thinner 102, mineral spirits or naphtha. PL-2.2 is compatible with most hydro carbon lubricants and can also be removed by using hot oil flushes.
<b>CLEAN UP</b>	For equipment use, Esgard Thinner 102, mineral spirits or naphtha. For personal clean up, use soap and water.
<b>POT LIFE</b>	Not applicable.
<b>SHELF LIFE</b>	24 months
<b>CAUTION</b>	<b>FOR INDUSTRIAL USE ONLY!</b> Although PL-2.2 is not hazardous, good safety practices and common sense should be used. Safe application practices should include the use of respirators, eye protection, adequate lighting and ventilation. PL-2.2 will not sustain combustion but caution should be used near flames.
<b>SAFETY</b>	Refer to Safety Data Sheet supplied with each order.
<b>FIRST AID</b>	Refer to Safety Data Sheet supplied with each order.

The data contained herein are typical product properties and do not constitute product specifications.

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