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

DESCRIPTION	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).
FIELD OF APPLICATION	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.

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.

THINNING DO NOT THIN OR DILUTE. APPLY AS SUPPLIED.

REMOVAL 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.

CLEAN UP For equipment use, Esgard Thinner 102, mineral spirits or naphtha. For personal clean up, use soap and water.

POT LIFE Not applicable.

SHELF LIFE 24 months

CAUTION **FOR INDUSTRIAL USE ONLY!** 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.

SAFETY Refer to Safety Data Sheet supplied with each order.

FIRST AID Refer to Safety Data Sheet supplied with each order.

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