

Technical Data Sheet



Product Name:

Corrosion Preventive Compound PX-1
Def Stan 80-217 Nato C 614

Product Number:

IP80-217

Product Description:

Temporary protective coating formulated from processed, highly refined mineral oils with water displacing, corrosion inhibitor, metal wetting and penetrating additives.

Temporary protection is a fast drying, thixotropic fluid that is solvent free and will not dry out.

This material is available in 2 grades ; dyed and undyed it has been dyed green in the past to show where it gets to.

Our material will be natural coloured unless specified/ ordered

Approvals/Specifications:

- Def Stan 80-217
- Joint Services Designation PX-1
- Rolls Royce OMAT 1005D
- (Nato interoperability Code) C 614
- Def 2331 A was original

PX-1 is still widely used for short-term preservation and protection of certain components such as engine cylinders, valve gear, complete engines, gun barrels, ferrous and light allow sheets etc, in storage in temperate climates.

A thin soft film , which hardens slightly on ageing is left when the solvent evaporates. Film does not withstand rubbing, hence treated articles should be wrapped , with the minimum of handling , in grease resistant wrapping . Owing to the low melting point of lanolin, 34 -40 C , PX1 is unsuitable for high storage temperatures

PX-1 is suitable for application by brushing, spraying or dipping

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Performance:

For general use of aircraft and other components and metal surfaces liable to corrode during storage . Short term preservation in temperate climates . Protection of certain engine cylinders , valve gear , complete engine and gun barrels . Preservation of ferrous and light alloy sheets in storage

Components:

Single part product supplied ready for use. Where necessary the coating may be thinned with White Spirit.

Application:

Surface Preparation:

To ensure that all surfaces are clean and free from dirt

Paint Preparation:

Stir well before use.

Application Method:

Settles in the can; must be shaken before use. Apply by brushing, spray and immersion. The product can be removed with kerosene, gasoline, white spirits, solvent wipes etc.

After application the solvent evaporates to leave a thin, soft film which hardens softly with age. The film is not hard enough to be handled and articles coated in it should be wrapped in grease resistant wrapping if necessary.

The film normally dissolves in lubricating oil, but articles coated in it should preferably be cleaned before use.

Drying Curing:

Air drying coating

Technical Properties:

Supply Viscosity:	Ready for Use
Flash Point:	>41°C
VOC Content:	575 g/lt
Colour:	Clear or Green
Pack Size:	20 Litres UN Approved Cans

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Density:	0.83kg/l
Gloss:	N/A
Thinner:	White Spirit
Solvent/Clean Up:	40006
Catalyst:	N/A
Theoretical Coverage:	10 sq/m litre

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

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Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

Tel: +44(0)121 702 2485

Email: sales@indestructible.co.uk