



Product Data

NEOPAINT NPT 16

Magnetic Particle Inspection

Neopaint NPT16 White Contrast Aid Paint has been specifically formulated for use in Magnetic Particle Inspection procedures. Neopaint gives an excellent surface obliteration using a high Titanium Dioxide content. The dense white background created gives an excellent contrast to highlight defect indications when using Black or Red Magnetic Inks. Neopaint is suitable for use with water based or hydrocarbon inks.

Typical Properties

Form	White Mobile Liquid
Density	1.313 at 15°C
Flash Point	None
Drying Time	Under 2mins at 20°C

Method of Use

Spraying (Including Aerosols) or Brushing. Aerosol application is the most popular method as this gives a more even application, free from brush marks. Aerosols are also more convenient to use.

Neopaint NPT16 is applied as a thin even coat on grease/oil free, dark coloured, ferromagnetic surfaces. Defect Indications are identified and interpreted more easily by operators.

Prior to application, Aerosols and bulk 5 litre containers must be shaken vigorously to disperse the white pigment and ensure economical use. If applying using a brush, do not place the product in containers which have large surface areas. The product evaporates quickly and wastage will occur. It will be hard to eradicate brush marks from smooth surfaces (Aerosols are best here) but brushed Neopaint works well on castings, particularly if large areas are being inspected. Note:- being quick drying, Neopaint easily enters the surrounding airspace. Always ensure there is adequate ventilation and read the COSHH info.

Neopaint NPT16 can be used in conjunction with **Neocol B**, **Neocol BC** and **Neocol BCW** Magnetic Inks. The MPI System provides a high level of integrity when used on welded fabrications, pressure vessels, structures, pipes, castings, forgings and many other ferromagnetic components.

Specification Compliance

Neopaint Complies with **BS EN ISO 9934-2:2002**

COSHH – Please read the relevant COSHH for this product. Treat solvents with respect.

Alternative Products – **Neopaint-2** (Flammable) **ECO-2** (Water Based)

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