

General

WCP712 White Contrast Paint is a quick drying white paint which is designed specifically for use in the colour contrast method of magnetic particle inspection. WCP712 provides a dense white background against which black or red indications of defects can be seen readily. WCP 712 is ideal for use with either oil based or water based magnetic inks.

Typical Properties (not a specification)

Form	:	White mobile liquid
Density at 20 °C	:	approx. 0.97 g/cm ³
Flash Point	:	-18°C
Viscosity at 25 °C	:	21 mm ² /s (Ford Cup no. 2)

Method of Use

WCP712 can be applied to the area to be inspected by spraying or brushing. Application by aerosols is by far the most common method as it is much easier to obtain a dense even film. Aerosols are also convenient to use, particularly for in-situ inspection.

WCP712 is applied to dark coloured ferromagnetic surfaces and allowed to dry before applying the magnetic particles. This ensures a good colour contrast between the white paint and the red or black particles making it much easier for the inspector to identify and interpret indications.

It is essential that aerosols are shaken before use and, for brushing application, containers must also be shaken thoroughly. Application by brush is less practical as it is more difficult to obtain an even film and also there can be more wastage of product due to the volatility of WCP712.

WCP712 is used extensively in conjunction with Supramor 4 Black Ink in aerosols particularly for the in-situ inspection of welded fabrications or structures, pressure vessels and pipe lines.

Safety guidance

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

issue of: 24/11/2009
supersedes issue of: ---

European and Corporate Headquarters:

Chemetall GmbH
Trakehner Str. 3
60487 Frankfurt, Germany

www.aerospace.chemetall.com

® registered trademark

The above details have been compiled to the best of our knowledge on the basis of thorough tests and with regard to the current state of our long practical experience. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Reproduction, in whole or in part, only with our express permission.