

**ORION**

THE ORIENTAL CHEMICAL WORKS PVT LTD

1/1B, Gobinda Auddy Road, Chetla, Kolkata – 700027

Phone: +91 7439618424; 33 24796428; 2479 9385. Fax: +91 33 2479 6723

E-mail: orionndt1934@gmail.com

AN ISO 9001:2015 COMPANY

TECHNICAL INFORMATION

ORION WCP- 61

(WHITE CONTRAST PAINT FOR MPI)

DESCRIPTION:

ORION WCP- 61 is a white contrast paint which is sprayed on the surface of the job to provide an uniform white coating to form a deep contrast against visible magnetic particles.

COMPOSITION:

ORION WCP- 61 contains white pigments in a volatile solvent base and conforms to BS 5044:73 & BS 6072:81.

APPLICATION:

Prior to using ORION WCP- 61 the job surface should be cleaned thoroughly to remove oil, grease and dirt followed by drying to ensure better adhesion and contrast. ORION WCP- 61 supplied in aerosol cans shall always be shaken well before use. Apply a thin uniform coating on the job surface from a distance of approximately 8 – 10 inches and allow it to dry up for two to five minutes.

Apply, ORION 60 BA, black magnetic particles on to the coated job surface after magnetizing the component and observe indications formed around the leakage fields. In case of prod magnetization, the contact area of the prod shall be free from the coating to ensure proper surface contact. Electromagnetic Contour Probe/Yoke (Model: OCW/CP-300) or 1000 Amp Prod (OCW/EMCD-1000) Type Magnetizing Equipment are best suited for such application.

POST INSPECTION:

After demagnetization, the coating can be removed by applying ORION 115PR or by wiping down with a cloth soaked in water.

OPERATING & STORAGE TEMPERATURE:

Always store in a cool dark place and away from any heat or fire source. The normal operating temperature is from 5°C– 50°C.

PACKAGING:

ORION WCP- 61 is available in 500 ml (net content 400 ml) aerosol containers.

FEATURES:

Adds high contrast and increases visibility & reliability by almost **10 times**. The use of different colored magnetic particles for different surface shades/colors is no longer required when using this method as black and white adds the contrast for easy inspection. Very suitable for In-situ outdoor and indoor inspection. For examples structural columns, pipe lines, valves, fabrication structures, large automobile and locomotive components including precision parts.

SHELF LIFE: 2 years from the date of manufacturing in sealed containers subject to **STORING IN COOL & DRY PLACE**

Rev: 02 Date: 04/2018