



Circle Systems, Inc.

1210 Osborne Road
St Marys, Georgia 31558
Ph. 815-286-3271
Fax: 815-286-3352
customerservice@circlesafe.com

Technical Bulletin 315

Mi-Glow® WCP

Mi-Glow® WCP is a specially formulated, fast drying white contrast paint, used to create a consistent background on the component surface in a visible magnetic particle inspection. When dry, the white contrast paint is resistant to the wet method baths used for inspection, but is easily removed from the demagnetized component surface with acetone. Mi-Glow® WCP can be used with any of the Mi-Glow® and CircleSafe® visible particle materials.

Properties

Appearance/Package: White liquid contained in an aerosol package.

Specifications: Meets or exceeds ISO 9934-1 and ISO 9934-2

Temperature Limits: 32-120°F (0-49°C)

Shelf Life: Three (3) years from date of manufacture when stored in a closed container away from heat (<120°F), sparks, open flames and oxidizers. The Certificate of Compliance will show the date of manufacture. Also, the month and date of expiration can be found printed on the bottom of the can in the format "EMM/YY" where "MM" is month of expiration and "YY" is the last two digits of the year of expiration

Directions for Use

Surfaces should be free from dirt, grease, rust and wax. Apply at room temperature (70°F) for best results. Shake Mi-Glow® WCP for at least one minute to insure color uniformity. Apply a thin coat to the inspection area and wait 30 seconds for the Mi-Glow® WCP to dry before applying magnetic particles to the surface. Spray the magnetic particles over the inspection area, stop spraying and apply two ½-cycle charges. Examine the area for discontinuities.

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