

MPI-80

Met-L-Chek® MPI-80 is a premixed, ready-to-use, visible black magnetic particle bath designed for high sensitivity visible magnetic particle inspection.

Met-L-Chek® MPI-80 is Met-L-Chek® MPI-80P mixed in Met-L-Chek® MPI-FLUID C2 and particle flow stabilizers. MPI-80 is often used with Met-L-Chek® WCP-81 white contrast paint to increase contrast for fine flaw detection. It meets the requirements of AMS-3042 and ASTM E-1444 for visible wet method magnetic particle inspection.



NDT Classification

- Type: Black (Visible)
- Method: Wet (Oil)

Available Sizes

- Aerosol – 12 X 16 oz (400 mL)
- 5 Gallon (18.9 L)

NSN Information

- No NSN Numbers

Specifications

- AMS 2641
- AMS 3041
- AMS 3043 (aerosol)
- ASME B&PVC Sec V
- ASTM E-1444
- ASTM E-709
- ISO 9934-2
- MIL-STD-2132
- NAVSEA 250-1500-1
- T9074-AS-GIB-010/271

Typical Physical Properties

Form	Black liquid when particles are suspended
Density	840 g/L
Flash Point	> 93°C
Viscosity	2.4 mm ² /s

Use Instructions

Visit www.Met-L-Chek.com to view detailed processing method guides.

Notes Prior to Handling

Before using Met-L-Chek® products, all safety and operating instructions should be read and understood. If you have any questions, please contact your Met-L-Chek® representative before proceeding. For complete health and safety information, refer to the product's Safety Data Sheet. Met-L-Chek® Safety Data Sheets can be requested online at www.Met-L-Chek.com

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Met-L-Chek® manufactures a complete line of Nondestructive Testing materials including penetrants used in fluorescent (Type 1) and visible (Type 2) dye penetrant inspection, wet and dry magnetic particle inspection, and a variety of specialty testing materials.

CAUTION: Before using any of these products, you must become completely familiar with the safety and hazard information contained in our safety data sheets regarding these products. McGean-Rohco, Inc. (the seller) presents the information contained herein without warranty and disclaims any liability from its use or misuse. Seller recommends use of the information Seller's products solely in commercial processes which are specified by Seller and which do not violate any third party patent rights or any laws or regulations. The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose except as expressly stated in the seller's sales contract or sales acknowledgement form.

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