

Approvals and conformities

ASME
ISO 9934-2
NFF 00-090
AMS 3042
ASTM-E-1444

MANUFACTURER: BABBCO (F)**DESCRIPTION / APPLICATION(S)**

Dual purpose magnetic ink for inspection under UV-A and/or white light, actinic blue is possible:

- very thin
- very stable

Can be used with any magnetic field generator (current passing, hand yokes or permanent magnets).

Companion products: B102A, B104B if necessary

DIRECTIONS FOR USE

We advise to clear the piece from any paint, oxide, soldering flows, etc., likely to give false indications, and to degrease carefully and thoroughly.

Best results are obtained by using SAFE 850A between 10 and 35°C.

Shake the can until you can clearly hear the ball tinkling. It may be necessary in some cases to apply a white contrast background before applying the magnetic ink but not mandatory.

Spray SAFE 850A during 3 to 5 seconds on the area to be inspected during the magnetization. Carry on magnetization for 2 to 3 seconds after you stop spraying, so that the particles can take their place properly.

Inspection is done under white light (red indications) and/or UV-A light (red-orange fluorescent indications). ISO 3059 standard is applicable. A "cold" white light (white-blue) is better.

The use of actinic blue is possible and gives excellent results.

TECHNICAL CHARACTERISTICS

- Water-based solution containing anticorrosion and wetting agents. Non-flammable, no odour, no smoke.
- Propellant: CO₂
- Free from halogens and sulphur.
- Concentration of magnetic particles: 8.0

Granulometry 0,5 to 25µm / average value 6,5µm

PRECAUTIONS FOR USE AND STORAGE

Transport / Handling: See Safety Data Sheet (SDS)

Storage:

Keep away from moisture.
Temperature range: 0 to 50 °C.
Keep packaging closed after taking out some of the product.

This technical data sheet replaces and cancels the previous one.

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