

### Approvals and conformities

AMS 2641  
AMS 3046  
ASME  
ASTM-E-1444  
EDF (PMUC : Produits et Matériels Utilisables en Centrale)  
ISO 9934-2  
NFF 00-090  
RCC-M

### MANUFACTURER : BABBCO (Fr)

### DESCRIPTION /APPLICATION(S) :

Fluorescent magnetic detecting medium :  
- fine to medium granulometry  
  
- very stable  
  
- spray canned or bulk

May be used in any MPI (Magnetic Particle Inspection) technique : current flow, electromagnets, permanent magnets, etc...

### ***DIRECTIONS FOR USE***

It is better to remove any paint residue, oxide, welding powder, which could give false indications.

Part degreasing is suggested.

**Use of Spraycan:**

Shake B 101C can until ball inside is clearly heard.

**Use of bulk:**

Before any use, stir the product thoroughly to ensure consistent concentration.

When the B101C is in a bench, switch on the recirculating pump before inspection for homogenisation.

**Application:**

For 3 to 5 seconds spray B 101C while magnetizing the part.

Let magnetizing on for 2 or 3 seconds after spraying ends so as to "glue" the particles.

**Inspection:**

Inspect using a UV-A source giving at least 1500 µW/m² on the surface under inspection, in a darkened area (visible light level less than 20 lux), after a 2 to 3 minutes adaptation period for the operator's eyes (refer to ISO 3059).

Actinic Blue is also possible.

**TECHNICAL CHARACTERISTICS**

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- Carrier liquid : aliphatic hydrocarbon
- Propelling agent : CO<sub>2</sub>

Halogenous content .....	< 200ppm
Sulfur content .....	< 200ppm
Granulometry .....	0,5-10µm / average size 4 µm
Flash point .....	> 60°C

**PRECAUTIONS FOR USE AND STORAGE**

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**Transport / Handling :**Refer to Material Safety Data Sheet (MSDS).

**Storage :** Keep away from moisture

Temperature range : -5°C à 50° C (23°F to 122°F).

Keep packaging closed after taking out some of the product

**This technical data sheet replaces and cancels the previous one.**

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