

**Approvals and conformities**

ASME

RCC-M

ISO 9934-2

NFF 00-090

AMS 2641

AMS 3046

ASTM-E-1444

PMUC (French acronym for : Products and Equipments allowed for use in Powerplants by EDF - French Electricity Bo

**MANUFACTURER : BabbCO (Fr)****DESCRIPTION /APPLICATION(S) :**

Fluorescent magnetic detecting medium :

- very fine
- very stable
- spray canned

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.

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

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.

Inspect using a UV-A source giving at least 1500  $\mu\text{W}/\text{m}^2$  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

## **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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1 Date : 03-07-2017 Written and checked by : F. Héron