



Approvals and conformities

ASME
RCC-M
ISO 3452-2

MANUFACTURER: Babb Co (FR)

DESCRIPTION / APPLICATION(S):

Non aqueous wet developer, giving enhanced sensitivity for locating tight, incipient indications with red dye or fluorescent penetrants.

Companion products: any type of penetrant (fluorescent or colored) used in the normal range of temperature (+10°C to +50°C) as defined in ISO 3452. For other temperatures, please ask us

DIRECTIONS FOR USE

Application :

- Spraying is the only recommended method of applying R-764/S1. Proper application is essential for high sensitivity performance.

- R-764/S1 should be applied to thoroughly dry parts from which excess surface penetrant has been removed by a pre-wash step, an emulsifier/wash step, or by wiping. After agitating the R-764/S1 suspension, evenly spray a light, slightly wet coating of developer onto the dry surface of a part. An overly wet application will blur indications; an overly dry application lacks full developing action. Two or three light applications work better than a single heavy application. Too heavy an application may conceal indications.

- If you suspect particularly thin discontinuities, it may be relevant to wait for more than 30 minutes before inspection.

Developing and inspection :

R-764/S1 dries rapidly and draws flaw-entrapped penetrant back to the surface using solvent and capillary action. Flaw marks begin appearing instantly under plain or black light, depending on which penetrant is being used. Five minutes or more should elapse before making final interpretations.

Cleaning:

R-764/S1 developer is very easy to wash off using a cloth or water.

TECHNICAL CHARACTERISTICS

- Very low halogen and sulfur content.
- Compatible with all metals, ceramics, and certain synthetic substances.

Appearance white powder in suspension in an organic medium.
Flash point > 12°C

PRECAUTIONS FOR USE AND STORAGE

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

Storage : Keep away from moisture

Temperature range: 0°C à 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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1 Date : 04-07-2017 Written and checked by : F. Héron