



CGM CIGIEMME S.p.A.

Controlli Non Distruttivi - Non Destructive Testing



Product Code
01056800

Ref. no.
R2.84

**Product Data
Sheet**

ROTRIVEL H₂O PASTE

PRODUCT DESCRIPTION

Rotrivel H₂O Paste is a water-based paste developer that generates a milky white background, specifically for high-temperature applications, as it is not labelled as dangerous.

COMPOSITION

A highly concentrated suspension of inorganic inert particles suspended in water and glycols.

N.B.: As with all CGM materials, Rotrivel H₂O Paste is strictly controlled to ensure batch uniformity, optimal process verification and control reliability.

SPECIFICATIONS

- Milky white colour.
- Easy to apply.
- It generates a very contrasting background.
- Good sensitivity.
- Easy to remove.

PACKAGING TYPE

- 5 kg buckets

APPLICABILITY

Ideal for all situations where there are high temperatures and it is not advisable to use solvents.

INSTRUCTIONS FOR USE

- Before using any developer, ensure that the surface under inspection is free of excess penetrant and dry.
- Dilute the suspension as purchased in water at a rate of 30%.
- Apply by spraying or dipping, trying to form thin, even layers that cover the surface.
- Allow to dry for the time necessary for the liquid vehicle to evaporate completely and until the surface under inspection is covered with a white film.
- After inspection, the developer can be removed by wiping with a cloth or by washing with water and detergent.

TIME, TEMPERATURE OF USE AND USER RECOMMENDATIONS

NDT method	Dye and Fluorescent Liquid Penetrants Inspection
Shelf life	3 years at a temperature between 5°C and 45°C
Usage temperature	From 4°C to 80°C



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TECHNICAL DATA

		Reference Standard
Appearance	Thick white liquid	
Odour	Characteristic	
Density at 20°C	≈1 g/cm ³	
Flash point	Non-flammable	ASTM D 93-A
Form	C	AMS 2644 / EN ISO 3452-2

Typical values.

COMPLIANCE WITH STANDARDS

- ASME V Art. 6
- ASTM E165/E165M
- ASTM E1417/E1417M
- EN ISO 3452-2
- AMS 2644 (Complies with the standard, but not included in the QPL list)
- PMUC (certificate of conformity on request)

BENEFITS

- Applicable at high temperatures.
- Without any dangerous labels as it contains no solvents or other dangerous substances.

HEALTH AND SAFETY

Read all health and safety information before using this product. This information can be found in the Safety Data Sheet, available on request.

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