

TECHNICAL DATA SHEET

D-2

Code 1562

Non-Aqueous Developer

DESCRIPTION

CalCheck D-2 Developer consists of refined white particles suspended in isopropyl alcohol that produces enhanced sensitivity for locating tight flaws. D-2 developer pulls flaw-entrapped penetrant to the part surface and creates a contrasting vivid white background. Complies with low sulfur and low halogen requirements.

FEATURES & BENEFITS

- Lays on the surface in a thinner, more uniform, more absorbent coating
- Has superior suspension properties
- It is easily removed by light brushing or spray water rinse
- Works well on smooth or rough surfaces
- Can be used on machined or coated surfaces
- Can be used with both visible and fluorescent penetrants

DIRECTIONS

Note: These instructions describe the basic process and may need to be amended by the user to comply with applicable specifications and/or inspection criteria provided by the contracting agency.

1. Shake the can thoroughly until the agitator rattles freely before using.
2. After complete surface penetrant removal, spray a very light, even coat of developer onto the dry surface.
3. Repeat step 2, ensuring 2 or 3 light coats have been applied in preference to a single, heavier coat.
4. Flaw and crack indications appear as the developer dries but allow a few minutes before final inspection.

PHYSICAL PROPERTIES

Colour	White Suspended Particles
Flash Point:	11.7°C
Boiling Point:	82°C
Specific Gravity:	0.79



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ORDERING INFORMATION

Product Code	Packaging
1488/400	400ml (Aerosol)
1488/42	3.8 litres (1 gallon)
1488/51	18.9 litres (55 gallons)

SPECIFICATION COMPLIANCE

- AMS 2644
- ASTM E1417
- ASTM E165
- ASME BPVC Section V
- ISO3452-2

DANGER

Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness.

PRECAUTION

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Wear eye protection.

FIRST AID

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/ attention.

STORAGE

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Dispose of contents/container in accordance with local regulation.

SHELF LIFE

60 months (5 years) from date of manufacture.

BATCH NUMBERS

Batch numbers can be found on the bottom of aerosol cans or labels of bulk containers. Certificate of Conformance documents are provided with the product or can be downloaded from www.callington.com

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Created 27/ August 2020 Date Printed 23/12/2024 2:50 PM