

RED-MARK R-1MH(NT) Cleaner/Remover for High Temperatures

R-1MH(NT) is a high-temperature cleaner/remover designed for use in combined with the high-temperature series, which has a proven track record in crack detection, especially for inspections immediately after following welding. It enables reliable detection of clear red-and-white contrast crack indications on virtually all inspection objects, except for plastic and porous materials, making it suitable for preventive maintenance and quality inspections during manufacturing. For optimal performance, it is recommended to use R-1MH(NT) in combination with the high-temperature series penetrant R-1AH(NT) and developer R-1SH(NT).

R-1MH(NT) conforms to JIS Z 2343, classified under Method C (remover) - Class 2 (non-halogenated organic solvent). Furthermore, under JIS Z 2343-5, when used as part of the high-temperature family, it is classified as Type II (dye), Method C (solvent removable), Class 2 (remover: non-halogenated organic solvent), Form e (quick-drying developer for Type II), Level 2, and Temperature F (operating range: 194- 392°F/90-200°C).

■ FEATURES

- Enables crack detection at high temperatures up to 392°F/200°C when used as part of the high-temperature family.
- Also available in a portable, easy-to-use aerosol type for improved convenience and usability.

■ PROPERTIES

Color	Colorless and transparent
Odor	Solvent odor
Flash Point	201°F/94°C
Fire Service Act	Class 4, Class 3 Petroleum Products (Non-water-soluble)

■ SPECIFICATION CONFORMANCE

- EN-ISO 3452-2
- JIS Z 2343-2

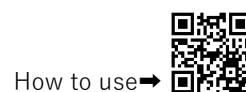
* Please contact us regarding compliance to the latest standards and standards not listed in this TDS.

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APPLICATIONS

- Welds
- Castings
- Forgings
- Pressure vessels

SPECIFICATION



NDT Method	Penetrant Testing (PT) / Cleaner/Remover
Type	Type II (Dye)
Method	C (Solvent Removal) / Class 2 (Nonhalogenated)
Storage Temperature	Can : 32°F~104°F(0°C~40°C) / Aerosol : less than 104°F(40°C)
Usage Temperature	194°F~ 392°F/90°C~200°C
Quality assurance period	3 years from the manufacturing date
Disposal	Aerosol : After using up the contents, press the button outside in a fire-free area until the spray sound disappears, vent the gas completely. Can : Dispose empty can in a safe manner in accordance with local/national regulations.

CONTAINER

Can Type : 3.8L and 18L Can, 200 L drum

Aerosol Type : 450 type Aerosol

SERVICE/CONTACT

Please be sure to read the SDS (Safety Data Sheet) before use.

Please download the SDS from our website or contact our nearest sales office or distributor.

For other inquiries about our products, please contact our nearest sales office.

