

RED-MARK R-1SB Solvent based Developer

R-1SB is a solvent-based quick-drying developer. It forms a highly opaque white coating that draws out penetrant from cracks with capillary action, creating an enhanced crack indication pattern due to the contrast between the red penetrant and the white developer.

As a "Easy removable" type developer, R-1SB allows for easy removal of the white coating using an air spray.

It is used for weld quality inspection, maintenance, quality checks, and periodic inspections. It complies with JIS Z 2343 Type II (Dye) and Form e (Solvent-Based for Type II).

■ FEATURES

- Moderate drying speed.
- Easily removable using an air spray.
- Forms a highly opaque white coating.
- Available in an aerosol type for excellent portability and ease of use.

■ PROPERTIES

Color	White suspension
Odor	Alcohol Odor
Flash Point	14°F/-10°C
Fire Service Act	Class 4 and Class 1 Petroleum (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.

RED-MARK R-1SB Solvent based Developer

■ APPLICATIONS

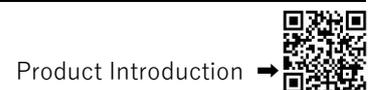
- Welds
- Castings
- Forgings
- Pressure vessels
- General metals

■ SPECIFICATION



How to Use →

NDT Method	Penetrant testing (PT) / Solvent based developer
Type	Type II (Dye)
Method	Form e (Organic Solvent-Based for Type II)
Storage Temperature	Can : 32°F~104°F(0°C~40°C) / Aerosol : less than 104°F(40°C)
Usage Temperature	14°F~212°F/ -10°C ~ +100°C
Usage cover	Aerosol: about 4.2 m ²
Quality assurance period	3 years from the manufacturing date for both cans and aerosols
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.



Product Introduction →

■ CONTAINER

Can Type: 3.8L and 18L Can

Aerosol Type: 450 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.



Contact us →