



Product Data

JAD-2 DEVELOPER

Dye Penetrant Inspection Process

JAD - 2 is a white mobile liquid under white light. The product is used to develop visible red and fluorescent penetrant products

Typical Properties

Form	White Mobile Liquid – Acetone Carrier
Density	0.81
Flash Point	< 0°C Highly Flammable (Quick Drying)

Method of Use

Spraying : - Aerosol application is recommended although bulk in a compressed air spray gun may be considered for use on large components/areas. Brushing would only be applicable if covering large rough areas as it is very hard not to produce brush marks.

JAD – 2 Developer is applied after penetrant removal. Usually it is supplied in aerosol form as this give the best uniformed and light coating. Large defects will usually appear almost instantly. Smaller fine indications may take up to 10 minutes development time. Examine under white light of 500 Lux or more for Red Penetrants or 365nm nominal peak UV Light, giving a surface intensity of greater than 1000 microwatts per cm² for Fluorescent Penetrants.

Always ensure there is adequate ventilation and read the COSHH info.

JAD - 2 can be used in conjunction with **JAP**, **JAP-WW** and **NEON-WW** Penetrant Materials

The Dye Penetrant System provides a high level of integrity when used on welded fabrications, pressure vessels, structures, pipes, castings, forgings and many other non-ferrous and ferromagnetic components. (Although ferromagnetic components are usually tested for surface breaking defects using the MPI Process)

Specification Compliance

JAD - 2 Complies with BS EN ISO 3452-2

COSHH – Please read the relevant COSHH for this product. (Quick Evaporating Flammable Solvent Product)

Alternative Products

Dry Powder Developers - For use in storm cabinets (Details on application)

JAD Non Flammable Version based on a Chlorinated Solvent.

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