



DYE PENETRANT INSPECTION

TECHNICAL DATA SHEET

APPLICATION

Form e, Nonaqueous Type 2, White Developer Powder that provides a brilliant white contrast against WCI™ Red Dye Penetrants under visible light conditions. The smooth, consistent surface coating can be easily removed with CAR-A Cleaner and Remover - Standard or NUCCAR-A Cleaner and Remover - Nuclear after the inspection process is complete.

WDP-A WHITE DEVELOPER POWDER

FEATURES / BENEFITS

Ready-to-use aerosol saves time and money by quickly highlighting red dye surface discontinuities against a bright, white background. Container pellet aids in agitation, ensuring complete product redispersibility prior to spray-out.

COMPOSITION / PACKAGING

WDP-A is a solvent-based, white developer aerosol formulated using high quality, vendor certified, raw materials. Product is noncorrosive and nonoxidizing. Does not contain asbestos, compounds of hexavalent chromium, Class 1 Ozone Layer Depleting Substances (OLDS), or OLDS banned by federal regulation. Does not contain halogens and chlorides (see ASTM results below).

WCI ITEM	BARCODE	CONTAINER TYPE	QUANTITY	CAN SIZE
WDP-A	81004830-025	aerosol cans	12 per carton	16 oz. nominal can

STANDARDS / SPECIFICATIONS / TYPICAL ANALYSIS

TEST	METHOD	RESULTS / LIMITS
Flash Point	ASTM D93	Not Applicable (aerosol form)
Viscosity	ASTM D445	As detailed in C of A
Water Tolerance	AMS2644 (4.4.10)	Not water soluble
Removability	AMS2644 (4.4.11)	Pass
Water Content	ASTM D95	Less than 5%
Developer Fluorescence	AMS2644 (4.4.11)	Pass
Developer Removability	AMS2644 (4.4.11)	Pass
Redispersibility	AMS2644 (4.4.11)	Pass
Sulphur	ASTM D-129	Less than 1%
Fluoride	ASTM D-808	Less than 1%
Chloride	ASTM D-808	Less than 1%
Total Halogen Content	ASTM T-641	Less than 1%

SHELF LIFE

Two years from date of manufacture. Lot number is in human readable form (YYYYMM####), with the last four digits being the batch number within a given month.

SDS

To request a copy of the Safety Data Sheet for this product, e-mail sds@weldingchemicalsinc.com.

Welding Chemicals Inc.

2236 Liberty Drive, Niagara Falls, NY 14304 Contact: 716 402 6906

For further information visit www.weldingchemicalsinc.com

For a copy of the Certificate of Compliance / Certificate of Analysis for this product, please email qc@weldingchemicalsinc.com with the product item number, and lot number.

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