PENETRANT TESTING

MR® CHEMIE NDT-materials

		Type			Sensitivity Class				Approvals						Family Testing									Temperature Range					GHS Labelling		Basis				Delivery Form					
		I = fluorescent	II = coloured	III = coloured + fluorescent	0,5	1	2	3	ASME Code V, Art. 6	EN ISO 3452-2	EN ISO 3452-5	EN ISO 3452-6	PMUC (EDF)	TLV 9017 01	Aa Water + MR® 81 T-R	Ac Water + MR® 703 W / MR® 703 WK	Ad Water + MR® 70	Ae Water + MR® 70	Cd MR® 85, MR® 88, MR® 79 + MR® 70	Ce MR® 85, MR® 88, MR® 79 + MR® 70	Ce MR® 91 H + MR® 70H	Ee Water, MR® 79 + MR® 70	Ee Water, MR® 85 + MR® 70	-30°C to +50°C	-10°C to +50°C	+10°C to +50°C	+10°C to +80°C	+50°C to +200°C	Aerosol	Bulk	Oil	Solvent-free	Solvent	Glycol	Aerosol	Compressed Air	Bulk	Foam	Valve Pen (Piccolo-Pen)	Biological Degradability
Penetrant – fluorescent	MR® 699 FA Penetrant fluorescent	✓			✓				✓	✓					✓	✓	✓									✓			H222 H229 H319	H319				✓	✓		✓			✓
	MR® 660 F Penetrant fluorescent	✓			✓				✓	✓					✓	✓	✓									✓			--	ECO-LINE		✓					✓			✓
	MR® 670 F Penetrant fluorescent	✓			✓				✓	✓					✓	✓	✓									✓			H222 H229 H319	H319				✓	✓		✓	✓		✓
	MR® 671 F Penetrant fluorescent	✓				✓			✓	✓					✓	✓	✓		✓							✓			H222 H229 H319	H319				✓	✓		✓	✓		✓
	MR® 672 F Penetrant fluorescent	✓					✓		✓	✓					✓	✓	✓		✓							✓			H222 H229 H319	H319				✓	✓		✓	✓		✓
	MR® 673 F Penetrant fluorescent	✓						✓	✓	✓					✓	✓	✓		✓							✓			H222 H229 H319	H319				✓	✓		✓	✓		✓
Penetrant – coloured	MR® 67 Penetrant red + fluorescent			✓			✓		✓	✓					✓		✓		✓							✓			--	ECO-LINE		✓					✓			✓
	MR® 67 DL Penetrant red + fluorescent			✓			✓		✓	✓					✓		✓		✓							✓			ECO-LINE	--		✓				✓				✓
	MR® 67 PS Penetrant red + fluorescent			✓			✓		✓	✓					✓		✓		✓							✓			H222 H229	--		✓						✓		✓
	MR® 68 NF Penetrant red + fluorescent			✓			✓		✓	✓		✓	✓	✓	✓		✓		✓		✓				IIICe	IIIAc IIIAe IIIEe			H222 H229 H319	H319				✓	✓		✓			✓
	MR® 68 H Penetrant red + fluorescent			✓			✓		✓	✓	✓									✓			✓					✓	H222 H229	ECO-LINE	✓				✓		✓			
	MR® 68 C Penetrant red + fluorescent			✓			✓		✓	✓		✓	✓	✓			✓			✓	✓				IIICe	IIIAe IIIEe			H222 H229 H319	H304 H319	✓				✓		✓		✓	
	MR® 312 Penetrant red + fluorescent			✓			✓		✓	✓		✓								✓				✓					H222 H229 H319 H336	H225 H319 H336			✓		✓		✓			
	MR® 311-R Penetrant red		✓			IIAc	IIAe IICe		✓	✓					✓	✓	✓		✓							✓			H222 H229 H319	H319				✓	✓		✓			✓
	MR® 313 Penetrant red		✓				✓		✓	✓					✓	✓	✓		✓							✓			--	ECO-LINE		✓					✓			✓
	MR® 313 DL Penetrant red		✓				✓		✓	✓					✓	✓	✓		✓							✓			ECO-LINE	--		✓				✓				✓
Developer	MR® 70 Developer white								✓	✓		✓	✓	✓										✓						H222 H229 H319 H336	H225 H319 H336			✓		✓		✓		✓	
	MR® 70 H Developer white								✓	✓	✓																	✓	H222 H229 H317 H319 H336	H225 H317 H319 H336			✓		✓		✓			
	MR® 81 T-R Dry Developer Powder								✓	✓																✓			--	ECO-LINE							✓			
	MR® 703 W Developer white								✓	✓																✓			--	ECO-LINE		✓					✓			✓
	MR® 703 WK Developer white Concentrate								✓	✓																✓			--	H315 H317 H319 H412		✓					✓			✓
Cleaner	MR® 79 Special Cleaner								✓	✓		✓	✓	✓										✓			✓			H222 H229 H319 H336	H225 H319 H336			✓		✓		✓			
	MR® 85 Remover Acetone free								✓	✓		✓	✓											✓			✓			H222 H229 H319 H336	H225 H319 H336			✓		✓		✓		✓	
	MR® 88 Remover Acetone free								✓	✓		✓												✓			✓			H222 H229 H319 H336	H225 H319 H336			✓		✓		✓		✓	
	MR® 91 H Remover								✓	✓	✓																	✓	H222 H229	H304	✓				✓		✓			
Pre-Cleaner	MR® 3001 Universal Remover								✓																		✓		--	H318		✓					✓			✓
	MR® 3002 Universal Remover								✓																		✓		--	ECO-LINE		✓					✓			✓

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