

# HEALTH CERTIFICATES FOR PREFABRICATION PRIMERS

**1881**

a three page issue

August 2006  
revision of September 2005

<b>PRODUCT NAME</b>	<b>a- INSTITUTE</b> <b>b- DATE OF REPORT/REF.</b> <b>c- VALIDITY</b> <b>d- PRODUCT SHEET/REF.</b>	<b>CONCLUSION</b>
SigmaWeld 165 (Sigma Proferral MC) redgrey	a- Newcastle Primary Care Trust NHS b- 24-04-2006, 7801/06 c- 30-04-2011 d- 7171	From the results of the investigation, it can be concluded that no danger to health is likely to arise when plate coated with this primer is either: a) subject to flame cutting under 'open-shop' conditions, or b) electrically welded under the conditions of ventilation normally associated with good welding practice, provided that the primer is applied to the plate at the manufacturer's recommended application rate.
Sigma Proferral MC (SigmaWeld 165)	a- Schweisstechnische Lehr- und Versuchsanstalt Duisburg b- 25-04-1994, 94 34 024/2 c- -- d- 7171	Gases evolved during welding were well below the treshhold limit values.
Sigmaweld MC (SigmaWeld 199)	a- AMARC Occupational Health and Safety Service b- 01-10-1989, 1549/103/3958 c- -- d- 7177	No risk to health existed under conditions monitored in simulated double bottom units during manual and MIG semi-automatic welding with Sigmaweld MC primer and during 'open-shop' machine burning with primed and unprimed steel.
Sigmaweld MC (SigmaWeld 199)	a- 'ES' Centro Studi b- 13-02-1989, EF/81 del 23-01-89 (Nbr 52-55) c- -- d- 7177	TLV values are below Italian limits. Fumes are not toxic or harmful.

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SigmaWeld 199 (Sigmaweld MC)	a- Newcastle Occupational Health Agency b- 24-04-2006, 4935/96 c- 24-04-2011 d- 7177	From the results it can be concluded that no danger to health is likely to arise when plate coated with this primer is either: a) subjected to flame cutting under 'open-shop' conditions, or b) electrically welded under the conditions of ventilation normally associated with good welding practice, provided that the primer is applied to the plate at the manufacturer's recommended application rate.
Sigmaweld MC (SigmaWeld 199)	a- Schweisstechnische Lehr- und Versuchsanstalt Duisburg b- 18-09-1996, 95 34 039/2 c- -- d- 7177	Gases evolved during welding were well below the threshold limit values.
Sigmaweld MC (SigmaWeld 199)	a- Technischer Überwachungs-Verein Norddeutschland e.V. b- 20-07-1992, 128CU06020 c- -- d- 7177	According to chapter 3.11(5) of TRGS 402 the conclusion "durable ensurance of the values" is justified if the condition of the working process is in such a way that prolonged exceeding of the values is avoided. This is the case, when is determined that the average value will not exceed a quarter of the value.

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SigmaWeld 190 (Sigmaweld MC MK3)	a- Newcastle Occupational Health Agency b- 24-04-2006, 4936/96 c- 24-04-2011 d- 7177/3 (7167)	From the results it can be concluded that no danger to health is likely to arise when plate coated with this primer is either: a) subjected to flame cutting under 'open-shop' conditions, or b) electrically welded under the conditions of ventilation normally associated with good welding practice, provided that the primer is applied to the plate at the manufacturer's recommended application rate.
Sigmaweld MC MK3 (SigmaWeld 190)	a- Schweisstechnische Lehr- und Versuchsanstalt Duisburg b- 18-12-1996, 95 34 043/2 c- -- d- 7167 (7177/3)	Gases evolved during welding were well below the threshold limit values.

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