

**FOOD CERTIFICATES**

**1884**

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July 2007  
revision of August 2006

<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>
Sigma Novaguard (Sigma Novaguard 840)	a- TNO Nutrition and Food Research b- 31-01-1997, DAS 97-0219/HAT-dia TNO sample number: 200064197 c- -- d- 7453 (7468)	The values obtained for the overall migration into 3% acetic acid and 15% ethanol meet the overall migration limit as specified in the Packaging and Food Utensils Regulation (Commodity Act) of the Netherlands and in EU Directive 90/128/EEC for plastics intended for contact with food.
Sigma Novaguard 840 (Sigma Novaguard)	a- Scientific & Technical Services b- 16-10-1996, ANA 4284/4182 c- -- d- 7468 (7453)	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
Sigma Phenguard (Sigma Phenguard 930, Sigma Phenguard 935, Sigma Phenguard 940)	a- Department of Health & Human Services b- 28-02-1996 c- -- d- 7409, 7435, 7436	Review of Sigma Phenguard indicates that the components meet the requirements of § 175.300 or are appropriately cross-reference for use in the formulations. Therefore, the above components may be used in the manufacture of coatings for tanks of capacity greater than 530.000 gallons.
Sigma Phenguard (Sigma Phenguard 930, Sigma Phenguard 935, Sigma Phenguard 940)	a- Japan Food Research Laboratories b- 10-12-1993, OS56111292-002 c- -- d- 3322	Sigma Phenguard conforms to analysis on cadmium, lead, heavy metals and consumption of potassium permanganate.
Sigma Phenguard (Sigma Phenguard 930, Sigma Phenguard 935, Sigma Phenguard 940)	a- TNO Nutrition and Food Research b- 07-02-1997, DAS 97-0219/HAT-dia TNO sample number: 200064196 c- -- d- 7409, 7435, 7436	The value obtained for the overall migration into 15% ethanol from the panel meet the migration limit as specified in the Packaging and Food Utensils Regulation(Commodity act) of the Netherlands and in EU Directive 90/128/EEC for plastics intended for contact with food.

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Sigma Vikote 18 (Sigmachlor primer) 75 µm	a- Scientific & Technical Services b- 22-06-1984, ANA 2331/1754 c- -- d- 7318	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaCover 1500 Sigma AquaCover 400	a- Scientific & Technical Services b- 24-06-2005, 5189/6631 c- -- d- 7715, 7871	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaCover 256	a- Scientific & Technical Services b- 09-05-2007, 5433/6972 c- -- d- 7412	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaCover 350	a- Scientific & Technical Services b- 21-06-2002, 4927/6080 c- -- d- 7970	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaCover 435 (Sigma CM miocoat)	a- Scientific & Technical Services b- 23-08-1988, ANA 2744/2539 c- -- d- 7465	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaCover 456 (Sigma CM coating)	a- Scientific & Technical Services b- 27-07-1988, 2727/2510A c- -- d- 7466	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaCover 630 (Sigma Multimastic)	a- Scientific & Technical Services b- 09-06-1992, 3085/3150 c- -- d- 7430	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.

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SigmaCover 650	a- Scientific & Technical Services b- 12-07-2005, 5198/6641 c- -- d- 7431	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating examined.
SigmaDur 550 (Sigmadur gloss)	a- Scientific & Technical Services b- 23-10-1992, 3161/3237 c- -- d- 7537 (7528)	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaGuard 240 SigmaGuard 440 (Sigmaguard Tankshield System)	a- Scientific & Technical Services b- 06-12-1995, ANA 3794/3782 c- -- d- 7400, 7473	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaGuard 425 (Sigmaguard BT)	a- Scientific & Technical Services b- 16-04-1996, 4145/4059 c- -- d- 7953	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaGuard CSF 650 (Sigmaguard CSF)	a- Scientific & Technical Services b- 16-06-1997, 4383/4319 c- -- d- 7443	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
Sigmaguard EHB (SigmaGuard 720)	a- TNO Nutrition and Food Research b- 31-01-1997, DAS 97-0219/HAT-dia TNO sample number: 200064198 c- -- d- 7433	The values obtained for the overall migration into 3% acetic acid and 15% ethanol from the panel meet the overall migration limit as specified in the Packaging and Food Utensils Regulation (Commodity Act) of the Netherlands and in EU Directive 90/128/EEC for plastics intended for contact with food.

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Sigmaguard EHB (SigmaGuard 720)	a-	Shanghai Prophylactic & Control Center	Items tested all meet the needs of GB9686-88
	b-	14-06-1999, GB/T5009.70-1996	
	c-	--	
	d-	7433	
SigmaPrime 200 (SigmaPrime)	a-	Scientific & Technical Services	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
	b-	23-06-2003, 4996/6254	
	c-	--	
	d-	7416	
Sigmarine 24 (Sigmarine primer ZP) 2 x 35 µm Sigmarine 48 (Sigmarine BTD) white, redbrown and grey 2 x 35 µm	a-	Scientific & Technical Services	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
	b-	09-07-1982, ANA 2003/1241 nr.3., nr.4. and nr.7.	
	c-	--	
	d-	7135, 7238	
Sigmarine 24 (Sigmarine primer ZP) 2 x 35 µm Sigmarine 80 (Sigmarine hold paint alu) 2 x 25 µm	a-	Scientific & Technical Services	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
	b-	09-07-1982, ANA 2003/1241 nr.5.	
	c-	--	
	d-	7135, 7263	
Sigmarine 24 (Sigmarine primer ZP)	a-	Scientific & Technical Services	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
	b-	27-07-1988, 2727/2510C	
	c-	--	
	d-	7135	
Sigmarine 28 (Sigmarine Multiprimer) grey	a-	Scientific & Technical Services	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
	b-	20-09-1993, 3289/3379	
	c-	--	
	d-	7117	

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Sigmarine 28 (Sigmarine Multiprimer) redbrown	a- b- c- d-	Scientific & Technical Services 19-11-2003, 6349 -- 7117	No evidence of any taint or odour was observed from any of the grain samples in contact with the coating system examined.
Sigmarine 49 (Sigmarine Enamel)	a- b- c- d-	Scientific & Technical Services 21-06-1988, ANA 2716/2497 -- 7240	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
Sigmarine 81 (Sigmarine Holdbrite) 25 µm	a- b- c- d-	Scientific & Technical Services 09-07-1982, ANA 2003/1241 nr.6. -- 7190	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaShield 420 (Sigma Multiguard)	a- b- c- d-	Scientific & Technical Services 17-11-1999, 2727/2520B/2 -- 7951	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaShield 620	a- b- c- d-	Scientific & Technical Services 23-06-2006, 2727 -- 7948	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.
SigmaShield 905 (Sigmaguard CSF glassflake)	a- b- c- d-	Scientific & Technical Services 02-11-1999, 4701/4776 -- 7954	No evidence of any taint or odour was observed from any of the flour samples in contact with the coating system examined.

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