

SPIES HECKER PRODUCT OFFER

Guy Salm:

o May 2003 VOC.xls WATERBORNE21/07/2003

Jan - May 2003.

PROD REF NO	DESCRIPTION	SH ART. NO	PACK SIZE	VOC gms/ltr	Total VOC Used
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NEW TECHNOLOGY

280 Series - Base Coat (Permahyd)

6707061A16	WB 800	New Effect	360.1800.7	1 ltr	69	69
6707000A16	WB 801	White	360.1801.5	1 ltr	99	495
6707002A16	WB 803	Special Black	360.1803.1	1 ltr	95	5700
6707004A16	WB 805	Ochre	360.1805.8	1 ltr	96	96
6707005A16	WB 807	Red Oxide	360.1807.4	1 ltr	99	0
6707008A16	WB 813	Coarse Silver	360.1813.9	1 ltr	112	336
6707009A16	WB 814	Silver	360.1814.7	1 ltr	115	3105
6707011A16	WB 816	Micro Silver	360.1816.3	1 ltr	147	1170
6707012A16	WB 818	Fine Silver	360.1818.0	1 ltr	114	3192
6707013A16	WB 820	Transparent Purple	360.1820.1	1 ltr	99	99
	WB 821	Ocher Yellow		500ml	102	102
6707015A16	WB 822	Transparent Emerald	360.1822.8	1 ltr	91	546
6707017A16	WB 825	Transparent Black	360.1825.2	1 ltr	100	200
6707018A16	WB 827	Transparent Black	360.1827.9	1 ltr	90	180
6707019A16	WB 829	Transparent Brilliant Red	360.1829.5	1 ltr	86	172
6707020A16	WB 831	Transparent Oxide	360.1831.7	1 ltr	91	455
	WB 836	Dark Red		1 ltr	88	88
6707025A16	WB 837	Dark Blue	360.1837.6	1 ltr	89	445
6707026A16	WB 838	Transparent Green	360.1838.4	1 ltr	85	255
6707027A16	WB 842	Micro White	360.1842.2	1 ltr	76	152
6707028A16	WB 843	Granada Red	360.1843.0	1 ltr	87	348
6707059A16	WB 851	Yellow	360.1851.1	1 ltr	91	0
6707030A16	WB 853	Azure Blue	360.1853.8	1 ltr	96	192
6707031A16	WB 854	Transparent Deep Blue	360.1854.6	1 ltr	85	1190
6707033A16	WB 857	Brilliant Fine Silver	360.1857.0	1 ltr	114	3876
6707034A16	WB 859	Brilliant Blue	360.1859.7	1 ltr	85	595
6707036A16	WB 877	Special Red	360.1877.5	1 ltr	94	188
6707037A16	WB 881	Maroon	360.1881.3	1 ltr	81	324
6707038A16	WB 882	Transparent Maroon	360.1882.1	1 ltr	83	332
6707007A17	WB 811	Red	360.2811.8	500 ml	104	52
6707016A17	WB 823	Transparent Reddish Yellow	360.2823.1	500 ml	86	43
6707029A17	WB 848	Bluish Green	360.2848.7	500 ml	92	92
6707032A17	WB 856	Deep Purple	360.2856.8	500 ml	86	129
6707062A17	WB 879	Brilliant Gold	360.2879.7	500 ml	113	112
6707063A16	WB 817	Micro Silver	360.1817.1	1 ltr	105	1575
6707064A16	WB 858	Brilliant Silver	360.1858.9	1 ltr	107	1498
	WB 8172	Black		1 ltr	95	192

TOTAL VOC

27595

285 Series - Pearl Base Coat (Permahyd)

6707042A16	WB 863	Pearl Hi-Lite Blue	361.1863.0	1 ltr	107	214
	WB 864	Pearl Copper		500ml	115	58
6707045A16	WB 868	Pearl Lilac	361.1868.0	1 ltr	107	107
6707047A16	WB 870	Pearl Fine White	361.1870.2	1 ltr	113	339
6707049A16	WB 872	Pearl Green	361.1872.9	1 ltr	115	345
6707053A16	WB 891	Pearl White	361.1891.5	1 ltr	115	460
6707054A16	WB 892	Pearl Gold	361.1892.3	1 ltr	107	428
6707055A16	WB 893	Pearl Blue	361.1893.1	1 ltr	113	678
	WB 894	Pearl Red		1 ltr	107	107
6707057A16	WB 895	Pearl Ruby	361.1895.8	1 ltr	107	214
	WB 896	Diamond White Xirallic Pearl		500ml	97	48
6707050A17	WB 886	Pearl Platinum	361.2886.4	500 ml	107	0
6707051A17	WB 887	Pearl Fine Blue	361.2887.2	500 ml	115	0

TOTAL VOC

2998

Waterborne Associated Products

6705023A14	7080	Precleaner	375.7080.3	5 ltr	156	5460
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TOTAL VOC

5460

NEW TECHNOLOGY

270 Series 2K High Solid Tinters

6708000A16	HG 901	White	241.0901.0	1 ltr	349	2443
6708001A16	HG 902	Deep Black	241.0902.9	1 ltr	351	1404
6708008A16	HL 917	Blue	241.0917.7	1 ltr	362	0
	HL 918	Green		1 ltr	367	367
	HL 919	Brilliant Red		1 ltr	348	348
6708013A16	HL 925	Special Black	241.0925.8	1 ltr	375	750
6708019A16	HL 960	Brilliant Blue	241.0960.6	1 ltr	363	726

TOTAL VOC

6038

Ready Mixed 1 Coat Conventional

Series 257		Solid colour		1ltr	504	252
Series 293		Basecoat colour		1ltr	702	21411
Series 295		Pearlcoat colour		1ltr	702	0
G22-1		Solid Colour		1ltr	372	0
G55-1		Solid Basecoat colour		1ltr	700	0

TOTAL VOC

21663

Clear Coats

6704003A14	8030	HS Clear Coat	375.8030.2	5 ltr	372	83700
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Legal Limits

coats.

420

VOC g/l
in H.

200
g/l

420

420

→ 31.2g/l ✓

as SHr ÷ 156 by 5
to get legal comparable limit

to be mixed

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PROD REF NO	DESCRIPTION	SH ART. NO	PACK SIZE	VOC* gms/ltr	Total VOC Used
6704006A14	8040 MS Brilliant Clear Coat MS ONLY	375.8040.0	5 ltr	513	0
6704005A16	8070 Elastic Clear Coat	371.8070.3	1 ltr	509	1018

Special
products
840g/l

TOTAL VOC

84718

SPIES HECKER PRODUCT OFFER

Guy Sahr

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PROD REF NO	DESCRIPTION	SH ART. NO	PACK SIZE	VOC gms/ltr	Total VOC Used
Reducers					
G352-91			1ltr	876	0
6702008A14	3365	Reducer	370.3365.4	5 ltr	907
6702000A14	6020	Multicryl Reducer	375.6020.4	5 ltr	883
6702002A14	8580	MS Duraplus	375.8580.0	5 ltr	878
6702010A16	1035	Blend in Additive	371.1035.7	1 ltr	892

TOTAL VOC 82686

Hardeners					
6701032A16	3005	MS Hardener	371.3005.6	1 ltr	632
6703015A14	3333	MS Express Hardener	375.3333.9	5 ltr	648
6703016A15	3355	MS Express Hardener Fast	373.3355.0	2.5 ltr	634
6703008A16	3170	VHS Hardener	371.3170.2	1 ltr	181
6703009A16	3307	HS Topcoat Hardener Extra Fast	371.3307.1	1 ltr	514
6703006A14	3340	HS Hardener Fast	375.3340.1	5 ltr	517

TOTAL VOC 86692

Primers					
6701027B14	4080	1K Etch Primer Grey	373.4080.8	3 ltr	630
6701028J99	5015	1K Surfacer Aerosols	412.8869.6	400 ml	317
6701023A16	5110	HS Primer Surfacer Beige	371.5110.0	1 ltr	500
6701023B14	5110	HS Primer Surfacer Beige	379.5110.6	3 ltr	500
6701018J99	7879	One Pack Primer - Red Brown (Aerosol)	412.7119.0	400 ml	324
6701016B14	8590	Vario Surfacer	370.8590.5	3 ltr	454
	SP150	Spectroflex coloured Primer		3 ltr	1413
	SP151	Spectroflex Coloured Primer		3 ltr	473
	SP152	Spectroflex Coloured Primer		1 ltr	471
	SP154	Spectroflex coloured Primer		1 ltr	472

TOTAL VOC 66583

Plastic System					
6701024A16	3300	Elastic Primer Beige	371.3300.4	1 ltr	540
6701025A16	3301	Elastic Hardener	371.3301.2	1 ltr	797
6705033A16	MA100	Permasolid Elastic Matting Additive	371.0100.5	1 ltr	592
6705030A16	9050	Permasolid Elastic Additive	371.9050.4	1 ltr	240

TOTAL VOC 9899

Ancillaries					
6705021A14	7010	Silicone Remover	375.7010.2	1.5 ltr	747
	5407	Spectroflex Additive		1 ltr	660
6705027A14	9030	HS Accelerator	375.9030.8	1.5 ltr	745

TOTAL VOC 68375

Gunwash					
PERSTD-25		Gun Cleaner	Q = 55	25ltr	20750

TOTAL VOC 1141250

TOTAL VOC for 6 MONTHS JULY-DECEMBER 2002

1603957

RETURNED WASTE SOLVENT

TWM016		Waste Thinner		25ltr	-21125
TWM018		Waste Thinner		25ltr	-21125

TOTAL VOC -675996

TOTAL VOC RETURNED for 6 MONTHS JAN-MAY 2003

-675996

TOTAL VOC FOR 6 MONTHS JAN-MAY 2003

927961

0.927.96 kg
= 0.91 tonnes
x 0.10009842

Special
840

Special
840

200

850

830g/l