

Start Date: January 31, 2010
 End Date: January 31, 2011

MACT Compliance Report

American Environmental Container Corp.

Application: NA Material: Catalyst		Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Norox	MEKP-9	43.00	2,400	1.20	0.00	0	0.00	0.00	0	0.00
Norox	MEKP-9H	43.00	7,530	3.77	0.00	0	0.00	0.00	0	0.00
			9,930	4.97		0	0.00		0	0.00

Application: Nonatomized spray gel coat application Material: Gelcoat		Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
CCP	943-IK-128	37.92	508	0.25	240.74	61	0.03	377.00	96	0.05
CCP	960-LF-214SW	37.63	21,545	10.77	238.12	2,565	1.28	377.00	4,061	2.03
CCP	960-W-016SW	36.87	46,485	23.24	231.27	5,375	2.69	267.00	6,206	3.10
Safas	BCT-BAHA	32.00	500	0.25	118.40	30	0.01	377.00	94	0.05
Safas	BCT-BLAC	32.00	1,500	0.75	118.40	89	0.04	377.00	283	0.14
Safas	BCT-GREY	32.00	2,200	1.10	118.40	130	0.07	377.00	415	0.21
Safas	BCT-INDI	32.00	9,500	4.75	118.40	562	0.28	377.00	1,791	0.90
Safas	BCT-LAGO	32.00	12,000	6.00	118.40	710	0.36	377.00	2,262	1.13
Safas	BCT-PUTT	32.00	4,000	2.00	118.40	237	0.12	377.00	754	0.38
Safas	BCT-TURQ	32.00	1,000	0.50	118.40	59	0.03	377.00	189	0.09
Safas	BCT-WHIT	32.00	500	0.25	118.40	30	0.01	377.00	94	0.05
Safas	SJN-100	28.00	12,600	6.30	103.60	653	0.33	377.00	2,375	1.19
Safas	SJN-110	28.00	1,800	0.90	103.60	93	0.05	377.00	339	0.17
Safas	SJN-120	28.00	1,800	0.90	103.60	93	0.05	377.00	339	0.17
Safas	SJN-150	28.00	2,250	1.13	103.60	117	0.06	377.00	424	0.21
Safas	SJN-160	28.00	13,950	6.98	103.60	723	0.36	377.00	2,630	1.31
Safas	SJN-170	28.00	900	0.45	103.60	47	0.02	377.00	170	0.08
Safas	SJN-190	28.00	450	0.23	103.60	23	0.01	377.00	85	0.04
Safas	SJN-30	28.00	4,950	2.48	103.60	256	0.13	377.00	933	0.47
			138,438	69.22		11,853	5.93		23,539	11.77

Application: Nonatomized spray gel coat application Material: Gelcoat Tooling		Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
CCP	945-YA-058	46.43	945	0.47	317.43	150	0.07	440.00	208	0.10
CCP	969-AA-636	24.16	40	0.02	89.39	2	0.00	440.00	9	0.00
			985	0.49		152	0.08		217	0.11

Application: NA Material: Mold Care		Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Interphase	332SP	0.00	1,350	0.68	0.00	0	0.00	0.00	0	0.00
			1,350	0.68		0	0.00		0	0.00

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Application: Nonatomized mechanical resin application									
Material: Resin									
Hexion 132-0029-33	45.00	611,462	305.73	108.30	33,111	16.56	113.00	34,548	17.27
		611,462	305.73		33,111	16.56		34,548	17.27
Report Total		762,165	381.08		45,116	22.56		58,303	29.15

Emissions limit in tons using table 3: 29.15
 Calculated emissions in tons using table 1: 22.56
 Is allowable HAP limit > calculated HAP emissions? Y difference = 6.59

Start Date: December 31, 2009
 End Date: December 31, 2010

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	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Application: NA									
Material: Catalyst									
Norox MEKP-9	43.00	2,072	1.04	0.00	0	0.00	0.00	0	0.00
Norox MEKP-9H	43.00	6,490	3.25	0.00	0	0.00	0.00	0	0.00
	8,562	4,28			0	0.00		0	0.00

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Application: Nonatomized spray gel coat application									
Material: Gelcoat									
CCP 943-IK-128	37.92	508	0.25	240.74	61	0.03	377.00	96	0.05
CCP 960-LF-214SW	37.63	25,420	12.71	238.12	3,027	1.51	377.00	4,792	2.40
CCP 960-W-016SW	36.87	43,815	21.91	231.27	5,067	2.53	267.00	5,849	2.92
Safas BCT-BAHA	32.00	500	0.25	118.40	30	0.01	377.00	94	0.05
Safas BCT-BLAC	32.00	1,500	0.75	118.40	89	0.04	377.00	283	0.14
Safas BCT-GREY	32.00	2,200	1.10	118.40	130	0.07	377.00	415	0.21
Safas BCT-INDI	32.00	9,500	4.75	118.40	562	0.28	377.00	1,791	0.90
Safas BCT-LAGO	32.00	11,000	5.50	118.40	651	0.33	377.00	2,074	1.04
Safas BCT-PUTT	32.00	4,000	2.00	118.40	237	0.12	377.00	754	0.38
Safas BCT-TURQ	32.00	1,000	0.50	118.40	59	0.03	377.00	189	0.09
Safas BCT-WHIT	32.00	500	0.25	118.40	30	0.01	377.00	94	0.05
Safas SJN-100	28.00	12,600	6.30	103.60	653	0.33	377.00	2,375	1.19
Safas SJN-110	28.00	1,800	0.90	103.60	93	0.05	377.00	339	0.17
Safas SJN-120	28.00	1,800	0.90	103.60	93	0.05	377.00	339	0.17
Safas SJN-150	28.00	2,250	1.13	103.60	117	0.06	377.00	424	0.21
Safas SJN-160	28.00	13,050	6.53	103.60	676	0.34	377.00	2,460	1.23
Safas SJN-170	28.00	900	0.45	103.60	47	0.02	377.00	170	0.08
Safas SJN-190	28.00	450	0.23	103.60	23	0.01	377.00	85	0.04
Safas SJN-30	28.00	4,950	2.48	103.60	256	0.13	377.00	933	0.47
	137,743	68.87			11,900	5.95		23,555	11.78

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Application: Nonatomized spray gel coat application									
Material: Gelcoat Tooling									
CCP 945-YA-058	46.43	855	0.43	317.43	136	0.07	440.00	188	0.09
CCP 969-AA-636	24.16	40	0.02	89.39	2	0.00	440.00	9	0.00
	895	0.45			137	0.07		197	0.10

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Application: NA									
Material: Mold Care									
Interphase 332SP	0.00	1,350	0.68	0.00	0	0.00	0.00	0	0.00
	0.00	1,350	0.68		0	0.00		0	0.00

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Hexion 132-0029-33	45.00	611,462	305.73	108.30	33,111	16.56	113.00	34,548	17.27
Report Total		611,462	305.73		33,111	16.56		34,548	17.27
		760,012	380.01		45,148	22.57		58,299	29.15

Application: Nonatomized mechanical resin application
Material: Resin
Emissions limit in tons using table 3: 29.15
Calculated emissions in tons using table 1: 22.57
Is allowable HAP limit > calculated HAP emissions? Y difference = 6.58

Start Date: December 31, 2009
 End Date: December 31, 2010
 methyl methacrylate

MACT Compliance Report

American Environmental Container Corp.

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Application: NA									
Material: Catalyst									
Norox	0.00	2,072	1.04	0.00	0	0.00	0.00	0	0.00
Norox	0.00	6,490	3.25	0.00	0	0.00	0.00	0	0.00
		8,562	4.28		0	0.00		0	0.00

Application: Nonatomized spray gel coat application

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Material: Gelcoat									
CCP	4.18	508	0.25	15.47	4	0.00	377.00	96	0.05
CCP	4.21	25,420	12.71	15.58	198	0.10	377.00	4,792	2.40
CCP	5.00	43,815	21.91	18.50	405	0.20	267.00	5,849	2.92
Safas	0.00	500	0.25	0.00	0	0.00	377.00	94	0.05
Safas	0.00	1,500	0.75	0.00	0	0.00	377.00	283	0.14
Safas	0.00	2,200	1.10	0.00	0	0.00	377.00	415	0.21
Safas	0.00	9,500	4.75	0.00	0	0.00	377.00	1,791	0.90
Safas	0.00	11,000	5.50	0.00	0	0.00	377.00	2,074	1.04
Safas	0.00	4,000	2.00	0.00	0	0.00	377.00	754	0.38
Safas	0.00	1,000	0.50	0.00	0	0.00	377.00	189	0.09
Safas	0.00	500	0.25	0.00	0	0.00	377.00	94	0.05
Safas	4.00	12,600	6.30	14.80	93	0.05	377.00	2,375	1.19
Safas	4.00	1,800	0.90	14.80	13	0.01	377.00	339	0.17
Safas	4.00	1,800	0.90	14.80	13	0.01	377.00	339	0.17
Safas	4.00	2,250	1.13	14.80	17	0.01	377.00	424	0.21
Safas	4.00	13,050	6.53	14.80	97	0.05	377.00	2,460	1.23
Safas	4.00	900	0.45	14.80	7	0.00	377.00	170	0.08
Safas	4.00	450	0.23	14.80	3	0.00	377.00	85	0.04
Safas	4.00	4,950	2.48	14.80	37	0.02	377.00	933	0.47
		137,743	68.87		887	0.44		23,555	11.78

Application: Nonatomized spray gel coat application

	Total HAP	Usage in Lbs.	Usage in Tons	HAP EF per Table 1 lbs/ton	HAPs Emitted (Lbs)	HAPs Emitted (tons)	HAP limit per Table 3 lbs/ton	HAP limit per Table 3 (Lbs)	HAP limit per Table 3 (tons)
Material: Gelcoat Tooling									
CCP	4.50	855	0.43	16.65	7	0.00	440.00	188	0.09
CCP	0.00	40	0.02	0.00	0	0.00	440.00	9	0.00
		895	0.45		7	0.00		197	0.10
Application: NA									
Material: Mold Care									
Interphase	0.00	1,350	0.68	0.00	0	0.00	0.00	0	0.00
		1,350	0.68		0	0.00		0	0.00

methacrylate

Application: Nonatomized mechanical resin application

Material: Resin

Hexion	132-0029-33	0.00	611,462	305.73	0.00	0	0.00	113.00	34,548	17.27
		0.00	611,462	305.73	0.00	0	0.00		34,548	17.27
Report Total		760,012	380.01		894	0.45			58,299	29.15

Emissions limit in tons using table 3: 29.15
 Calculated emissions in tons using table 1: 0.45
 is allowable HAP limit > calculated HAP emissions? Y difference = 28.70