

**Table VIII-5
Estimated Total Annualized Non-Recurring Fixed Cost to Comply
with Proposed Standards**

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Category	Proposed Lmt	Market Covered (% covered by)	Market Adj. Factor	Estimated # Non-compliant* (A)	Estimated Total One-Time Cost to Reformulate Per Product (dollars)		Estimated Annualized Cost to Reformulate Product (dollars per year)		Estimated Annualized Fixed Cost to Reformulate All Non-Compliant Products (dollars per year)	
					Low (B0)	High (B1)	Low (B2-B0 x CRF)	High (B3-B1 x CRF)	Low (AxB2)	High (AxB3)
Adhesives										
Contact Adhesive	55	90	1.11	9	\$8,534	\$8,534	\$1,389	\$1,389	\$12,345	\$12,345
General Purpose (labeling only)****	80	90	1.11	13	\$898	\$4,604	\$146	\$749	\$1,949	\$9,990
Sum				22					\$14,295	\$22,336
Household Care										
Adhesive Remover	50	85	1.18	18	\$12,352	\$51,653	\$2,010	\$8,406	\$35,474	\$148,346
Gasket or Thread Locking Adh. Rem.	5	85	1.18	22	\$12,352	\$51,653	\$2,010	\$8,406	\$44,934	\$187,905
Floor & Wall Covering Adh. Remover	20	85	1.18	46	\$12,352	\$51,653	\$2,010	\$8,406	\$92,233	\$385,700
General Purpose Adhesive Remover	70	85	1.18	19	\$12,352	\$51,653	\$2,010	\$8,406	\$37,839	\$158,236
Specialty Adhesive Remover	3	n/a	1.20	37	\$12,352	\$46,038	\$2,010	\$7,493	\$74,779	\$278,723
Air Freshener***	80	85	1.18	6	\$12,352	\$35,932	\$2,010	\$5,848	\$11,825	\$34,399
Antistatic Product	11	85	1.18	0	\$12,352	\$35,932	\$2,010	\$5,848	\$0	\$0
Non-aerosol**	45	90	1.11	73	\$12,352	\$15,720	\$2,010	\$2,558	\$147,414	\$187,618
Electrical Cleaner	75	90	1.11	66	\$12,352	\$47,161	\$2,010	\$7,675	\$131,780	\$503,158
Electronic Cleaner	15	70	1.43	20	\$12,352	\$35,932	\$2,010	\$5,848	\$40,204	\$116,957
Fabric Refresher	6	70	1.43	20	\$12,352	\$17,966	\$2,010	\$2,924	\$40,204	\$58,478
Pump Spray, liquid, solid	75	90	1.11	7	\$12,352	\$33,687	\$2,010	\$5,482	\$13,401	\$36,549
Footwear or Leather Care Product	55	90	1.11	7	\$12,352	\$32,564	\$2,010	\$5,300	\$13,401	\$35,331
Aerosol	15	90	1.11	54	\$12,352	\$32,564	\$2,010	\$5,300	\$109,444	\$288,534
All Other Forms	50	85	1.18	41	\$12,352	\$48,284	\$2,010	\$7,858	\$82,773	\$323,566
Graftin Remover	30	85	1.18	31	\$12,352	\$39,301	\$2,010	\$6,396	\$61,488	\$195,645
Non-aerosol	10	90	1.11	0	\$12,352	\$123,518	\$2,010	\$20,102	\$0	\$0
Toilet/Urinal Care	3	90	1.11	59	\$12,352	\$93,200	\$2,010	\$15,168	\$118,378	\$893,217
Aerosol**	17	90	1.11	4	\$12,352	\$33,687	\$2,010	\$5,482	\$8,934	\$24,366
Wood Cleaner	4	90	1.11	9	\$12,352	\$32,564	\$2,010	\$2,924	\$17,868	\$47,108
Non-aerosol	Sum			538					\$1,082,374	\$3,903,836
Personal Care										
Hair Styling Product	6	85	1.18	41	\$10,106	\$24,704	\$1,645	\$4,020	\$67,723	\$165,546
Aerosol/Pump Spray	2	85	1.18	94	\$10,106	\$24,704	\$1,645	\$4,020	\$154,796	\$378,390
All Other Forms	7	85	1.18	14	\$10,106	\$41,547	\$1,645	\$6,762	\$23,219	\$85,457
Shaving Gel (aerosol)- Tier 1	4	85	1.18	31	\$10,106	\$93,200	\$1,645	\$15,168	\$50,309	\$463,958
Shaving Gel (aerosol) - Tier 2	Sum			180					\$296,047	\$1,103,350

2003 Chemical Engineering Plant Cost Index = 405.7 (Prelim 12/03)
 1991 Chemical Engineering Plant Cost Index = 361.3 (Final 1991)

Discount Rate 10.00% Grand Annual Total \$1,392,716 \$5,029,522
 Project Horizon, yrs 10
 Cost Recovery Factor 0.16275 (dollars per year)

* Noncompliant Products = Market Adj. x (# Noncompliant Products in Survey)
 ** 100% of the market complies with standard
 *** The data used for Air Fresheners was the latest available data, which was from the 1997 Consumer Products Survey.
 **** Although 100% of the market complies with the standard, all products will incur a relabeling cost