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

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

Category	Proposed Limit	Market Covered (% covered by	Market Adj. Factor	Estimated # Products Non-compliant* (A)	Estimated Total One-Time Cost to Reformulate Per Product (dollars) Low (B0)	High (B1)	Estimated Annualized Cost to Reformulate Product (dollars per year) Low (B2 =B0 x CRF)	High (B3 =B1 x CRF)	Estimated Annualized Fixed Cost to Reformulate All Non-Compliant Products (dollars per year) Low(AxB2)	High (AxB3)
Adhesives										
Contact Adhesive										
General Purpose	55	90	1.11	9	$8,534	$8,534	$1,389	$1,389	$12,345	$12,345
Special 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										
Gasket or Thread Locking Adh. Rem.	50	85	1.18	18	$12,352	$51,653	$2,010	$8,406	$35,474	$148,346
Floor & Wall Covering Adh. Remover	5	85	1.18	22	$12,352	$51,653	$2,010	$8,406	$44,934	$187,905
General Purpose Adhesive Remover	20	85	1.18	46	$12,352	$51,653	$2,010	$8,406	$92,233	$385,700
Specialty Adhesive Remover	70	85	1.18	19	$12,352	$51,653	$2,010	$8,406	$37,839	$158,236
Air Freshener***	3	n/a	1.20	37	$12,352	$46,038	$2,010	$7,493	$74,779	$278,723
Antistatic Product										
Aerosol	80	85	1.18	6	$12,352	$35,932	$2,010	$5,848	$11,825	$34,399
Non-aerosol**	11	85	1.18	0	$12,352	$35,932	$2,010	$5,848	$0	$0
Electrical Cleaner	45	90	1.11	73	$12,352	$15,720	$2,010	$2,558	$147,414	$187,618
Electronic Cleaner	75	90	1.11	66	$12,352	$47,161	$2,010	$7,675	$131,780	$503,158
Fabric Refresher										
Aerosol	15	70	1.43	20	$12,352	$35,932	$2,010	$5,848	$40,204	$116,957
Pump Spray, liquid, solid	6	70	1.43	20	$12,352	$17,966	$2,010	$2,924	$40,204	$58,478
Footware or Leather Care Product										
Aerosol	75	90	1.11	7	$12,352	$33,687	$2,010	$5,482	$13,401	$36,549
Solid	55	90	1.11	7	$12,352	$32,564	$2,010	$5,300	$13,401	$35,331
All Other Forms	15	90	1.11	54	$12,352	$32,564	$2,010	$5,300	$109,444	$288,534
Graffiti Remover										
Aerosol	50	85	1.18	41	$12,352	$48,284	$2,010	$7,858	$82,773	$323,566
Non-aerosol	30	85	1.18	31	$12,352	$39,301	$2,010	$6,396	$61,488	$195,645
Toilet/Urinal Care										
Aerosol**	10	90	1.11	0	$12,352	$123,518	$2,010	$20,102	$0	$0
Non-Aerosol	3	90	1.11	59	$12,352	$93,200	$2,010	$15,168	$118,378	$893,217
Wood Cleaner										
Aerosol	17	90	1.11	4	$12,352	$33,687	$2,010	$5,482	$8,934	$24,366
Non-aerosol	4	90	1.11	9	$12,352	$32,564	$2,010	$5,300	$17,868	$47,108
			Sum	538					$1,082,374	$3,903,836
Personal Care										
Hair Styling Product										
Aerosol/Pump Spray	6	85	1.18	41	$10,106	$24,704	$1,645	$4,020	$67,723	$165,546
All Other Forms	2	85	1.18	94	$10,106	$24,704	$1,645	$4,020	$154,796	$378,390
Shaving Gel (aerosol)- Tier 1	7	85	1.18	14	$10,106	$41,547	$1,645	$6,762	$23,219	$95,457
Shaving Gel (aerosol) - Tier 2	4	85	1.18	31	$10,106	$93,200	$1,645	$15,168	$50,309	$463,958
			Sum	180					$296,047	$1,103,350

2003 Chemical Engineering Plant Cost Index =	405.7	(Prelim 12/03)	Discount Rate	10.00%	Grand Annual Total (dollars per year)	$1,392,716	$5,029,522
1991 Chemical Engineering Plant Cost Index =	361.3	(Final 1991)	Project Horizon, yrs	10			
			Cost Recovery Factor	0.16275			

* # 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