Table C-1
Derivation of Uncontrolled Non-Wax Component and Latex Burnout Emission Factors

Toxic Air Contaminant	CAS	Measured Emission Rate (mg/g product)		Calculated emission factor [(a)] (lb/ton product)	
		BURNOUT_LTX_S	BURNOUT_NW_S BURNOUT_NW_T	BURNOUT_LTX_S	BURNOUT_NW_S BURNOUT_NW_T
Acetaldehyde	75-07-0	N/A	8.10 [(2)]	--	16.2
Benzene	71-43-2	41.0 [(1)]	36.0 [(2)]	82.0	72.0
Naphthalene	91-20-3	27.0 [(1)]	N/A	54.0	--
1,3-Butadiene	106-99-0	24.0 [(1)]	11 [(2)]	48.0	22.0
Styrene	100-42-5	410 [(1)]	3.50 [(2)]	820	7.00
Toluene	108-88-3	130 [(1)]	13.0 [(2)]	260	26.0
Ethyl Benzene	100-41-4	56.0 [(1)]	N/A	112	--
1,1 Biphenyl	92-52-4	19.0 [(1)]	N/A	38.0	--
Propylene	115-07-1	N/A	23.0 [(2)]	--	46.0

Notes

mg = milligram; g = gram; lb = pound; N/A = Not Applicable; < = Result was less than the report detection limit.

(a) Calculated emission factor (lb/ton product) = (measured emission rate [mg/g product]) x (453.592 g/lb) x (2,000 lb/ton) / (453,592 mg/lb)

References

(1) From Test Report AAL-9655, October 23, 1996. Bench scale sampling of latex offgassing when heating the sample to 650°C.

(2) From Test Report AAL-1578, Januray 23, 1997. Bench scale sampling of non-wax product offgassing when heating the sample to 650°C.