

Toxic Reduction Act, 2009 Public Report – 2017 Reporting Year

Facility Name: Axalta Coating Systems Canada Company-Ajax Performance Coatings Division
NPRI ID: 0000000286
Ont.Reg 127/01 MOECC ID: 10472
NAICS 2 Code: 32 - Manufacturing
NAICS 4 Code: 3255 - Paint, Coating, and Adhesive Manufacturing
NAICS 6 Code: 325510 - Paint and Coating Manufacturing
Number of full-time equivalent employees at the facility: 110
Facility Address: 408 Fairall Street, Ajax, Ontario, L1S 1R6
UTM coordinates: Easting: 657954, Northing: 4856882
Public Contact: David d'Abadie, EHS&S Manager, 905-619-6087, David.S.d-Abadie@axaltacs.com

Summary of Reported TRA Data (in bands/ranges):

Substance Name	CAS Number	Enters the Facility (Used)	Created	Contained in Product	Units
Ethylbenzene	100-41-4	>10 to 100	n/a	>10 to 100	tonnes
Toluene	108-88-3	>10 to 100	n/a	>10 to 100	tonnes
Cyclohexane	110-82-7	>10 to 100	n/a	>10 to 100	tonnes
Xylene (all isomers)	1330-20-7	>100 to 1000	n/a	>100 to 1000	tonnes
Methanol	67-56-1	>10 to 100	n/a	>10 to 100	tonnes
Isopropyl alcohol	67-63-0	>10 to 100	n/a	>10 to 100	tonnes
n-Butyl alcohol	71-36-3	>100 to 1000	n/a	>100 to 1000	tonnes
Isobutyl alcohol	78-83-1	>10 to 100	n/a	>10 to 100	tonnes
Methyl ethyl ketone	78-93-3	>10 to 100	n/a	>1 to 10	tonnes
1,2,4-Trimethylbenzene	95-63-6	>100 to 1000	n/a	>100 to 1000	tonnes
Cumene	98-82-8	>10 to 100	n/a	>10 to 100	tonnes
Butyl acetate	123-86-4	>100 to 1000	n/a	n/a *	tonnes
Acetone	67-64-1	>10 to 100	n/a	n/a *	tonnes

* Contained in Product is not reportable for Part 5 volatiles (Butyl acetate) and Reg. 127/01 substances (Acetone)

Summary of Other Reported Data (same categories as NPRI):

Substance Name	CAS Number	Release Quantity	Disposal Quantity	Recycle Quantity	Units
Ethylbenzene	100-41-4	0.097	2.504	1.445	tonnes
Toluene	108-88-3	4.222	8.612	69.960	tonnes
Cyclohexane	110-82-7	0.247	0.284	0.000	tonnes
Xylene (all isomers)	1330-20-7	0.421	10.699	5.778	tonnes
Methanol	67-56-1	0.322	0.089	2.102	tonnes
Isopropyl alcohol	67-63-0	0.538	16.362	3.261	tonnes
n-Butyl alcohol	71-36-3	0.761	7.202	9.733	tonnes
Isobutyl alcohol	78-83-1	0.087	0.629	2.499	tonnes
Methyl ethyl ketone	78-93-3	5.772	5.811	37.012	tonnes
1,2,4-Trimethylbenzene	95-63-6	0.227	9.197	0.000	tonnes
Cumene	98-82-8	0.021	0.504	1.445	tonnes
Butyl acetate	123-86-4	1.202	n/a	n/a	tonnes
Acetone	67-64-1	1.347	n/a	n/a	tonnes

Differences Between 2017 and 2016 Reporting

Substance	CAS No.	Used				Contained in Product				Air				Disposal				Recycle			
		2017	2016	Quantity diff	% diff	2017	2016	Quantity diff	% diff	2017	2016	Quantity diff	% diff	2017	2016	Quantity diff	% diff	2017	2016	Quantity diff	% diff
Ethylbenzene	100-41-4	>10 to 100	>10 to 100	>1 to 10	2.1%	>10 to 100	>10 to 100	>0 to 1	-2.2%	0.097	0.105	-0.008	-7.6%	2.504	0.044	2.460	5590.9%	1.445	1.906	-0.461	-24.2%
Toluene	108-88-3	>10 to 100	>100 to 1000	>10 to 100	-39.5%	>10 to 100	>10 to 100	>1 to 10	-9.9%	4.222	4.594	-0.372	-8.1%	8.612	15.911	-7.299	-45.9%	69.960	108.420	-38.460	-35.5%
Cyclohexane	110-82-7	>10 to 100	>10 to 100	>1 to 10	-12.2%	>10 to 100	>10 to 100	>1 to 10	-12.2%	0.247	0.284	-0.037	-13.0%	0.284	0.016	0.268	1675.0%	0.000	0.000	0.000	0.0%
Xylene (all isomers)	1330-20-7	>100 to 1000	>100 to 1000	>1 to 10	0.8%	>100 to 1000	>100 to 1000	>1 to 10	-3.4%	0.421	0.474	-0.053	-11.2%	10.699	2.836	7.863	277.3%	5.778	10.141	-4.363	-43.0%
Methanol	67-56-1	>10 to 100	>10 to 100	>1 to 10	-21.5%	>10 to 100	>10 to 100	>1 to 10	-17.3%	0.322	0.325	-0.003	-0.9%	0.089	0.047	0.042	89.4%	2.102	0.875	1.227	140.2%
Isopropyl alcohol	67-63-0	>10 to 100	>10 to 100	>10 to 100	-6.5%	>10 to 100	>10 to 100	>10 to 100	-15.9%	0.538	0.664	-0.126	-19.0%	16.362	1.847	14.515	785.9%	3.261	4.783	-1.522	-31.8%
n-Butyl alcohol	71-36-3	>100 to 1000	>100 to 1000	>10 to 100	-5.5%	>100 to 1000	>100 to 1000	>10 to 100	-10.3%	0.761	0.688	0.073	10.6%	7.202	2.721	4.481	164.7%	9.733	8.675	1.058	12.2%
Isobutyl alcohol	78-83-1	>10 to 100	>10 to 100	>1 to 10	-14.4%	>10 to 100	>10 to 100	>1 to 10	-13.9%	0.087	0.094	-0.007	-7.4%	0.629	0.659	-0.03	-4.6%	2.499	1.606	0.893	55.6%
Methyl ethyl ketone	78-93-3	>10 to 100	>10 to 100	>0 to 1	0.0%	>1 to 10	>10 to 100	>1 to 10	-16.2%	5.772	6.415	-0.643	-10.0%	5.811	11.403	-5.592	-49.0%	37.012	43.979	-6.967	-15.8%
1,2,4-Trimethylbenzene	95-63-6	>100 to 1000	>100 to 1000	>10 to 100	-5.2%	>100 to 1000	>100 to 1000	>10 to 100	-11.7%	0.227	0.178	0.049	27.5%	9.197	0.451	8.746	1939.2%	0.000	0.000	0	0.0%
Cumene	98-82-8	>10 to 100	>10 to 100	>1 to 10	2.5%	>10 to 100	>10 to 100	>1 to 10	-9.4%	0.021	0.017	0.004	23.5%	0.504	0.024	0.480	2000.0%	0.000	n/a - first year reportable		
Butyl acetate	123-86-4	>100 to 1000	>100 to 1000	>10 to 100	-5.4%	n/a *				1.202	1.102	0.100	9.1%	n/a *				n/a *			
Acetone	67-64-1	>10 to 100	>1 to 10	>10 to 100	831.6%	n/a *				1.347	0.215	1.132	526.5%	n/a *				n/a *			

* Contained in Product not required for Part 5 substances (Butyl acetate) or Reg. 127/01 substances (Acetone), nor is Disposal or Recycling

Summary of Reasons for Changes in Quantities

If the change is less than 10%, it is not considered to be significant. The significant changes are largely because production decreased. More acetone was used in the new Interiors Business. Changes in disposals were due to the changes in the disposal of off-spec/obsolete paint and raw materials during 2017.

Toxics Reduction Plans' Objectives

Where technically and economically feasible, the goal is to reduce the use of ethylbenzene, toluene, xylene (all isomers), methanol, isopropyl alcohol, n-butyl alcohol, isobutyl alcohol, methyl ethyl ketone, butyl acetate and acetone at the facility. Reduction activities will be/were implemented and achieved as outlined in the timetable found in the toxic substance reduction plans. We will achieve these reductions via two implementation strategies. The first implementation strategy to reduce the amount of ethylbenzene, toluene, xylene (all isomers), isopropyl alcohol, n-butyl alcohol, isobutyl alcohol, methyl ethyl ketone, and butyl acetate will involve an on-site project which will improve the solvent recovery yield in the distillation process. The second implementation strategy (or only strategy for methanol and acetone) will be to reduce the amount of ethylbenzene, toluene, xylene (all isomers), methanol, and acetone contained in some of the final products. It was anticipated that these strategies would be implemented by the end of the year, 2013.

Progress in Implementing Plans

Axalta Ajax had targets for implementation scheduled for completion in 2013 and met the schedule. Axalta Ajax continued to improve the Solvent Recovery Yield in the distillation process in 2017.

No amendments were made to the plans.



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2017 Toxic Reduction Act Annual Public Summary
CERTIFICATION BY HIGHEST RANKING EMPLOYEE:

As of May 18, 2018, I, Alfred D'Mello, certify that I have read the toxic substance reduction Annual Public Report for the toxic substances referred to below and am familiar with its contents, and, to my knowledge, the Public Report is factually accurate and complies with the Toxics Reduction Act, 2009, and Ontario Regulation 455/09 (general) made under the Act.

Toxic Substances:

Ethylbenzene
Toluene
Cyclohexane
Xylene (all isomers)
Methanol
Isopropyl alcohol
n-Butyl alcohol
Isobutyl alcohol
Methyl ethyl ketone
1,2,4-Trimethylbenzene
Cumene
Butyl acetate
Acetone

Alfred D'Mello
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