

Toxic Reduction Act, 2009 Public Report – 2014 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, Environmental Leader, 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
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
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
Butyl acetate	123-86-4	>100 to 1000	n/a	n/a *	tonnes
Acetone	67-64-1	>1 to 10	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	0.093	0.105	1.744	tonnes
Toluene	108-88-3	2.964	0.915	68.414	tonnes
Xylene (all isomers)	1330-20-7	0.374	0.366	6.974	tonnes
Methanol	67-56-1	0.377	0.077	0.909	tonnes
Isopropyl alcohol	67-63-0	0.237	0.080	0.830	tonnes
n-Butyl alcohol	71-36-3	0.522	1.147	6.526	tonnes
Methyl ethyl ketone	78-93-3	5.389	0.691	26.147	tonnes
1,2,4-Trimethylbenzene	95-63-6	0.135	0.670	0.000	tonnes
Butyl acetate	123-86-4	1.060	n/a	n/a	tonnes
Acetone	67-64-1	0.219	n/a	n/a	tonnes

Differences Between 2014 and 2013 Reporting

Substance	CAS No.	Used				Contained in Product				Air				Disposal				Recycle			
		2014	2013	Quantity diff	% diff	2014	2013	Quantity diff	% diff	2014	2013	Quantity diff	% diff	2014	2013	Quantity diff	% diff	2014	2013	Quantity diff	% diff
Ethylbenzene	100-41-4	>10 to 100	>10 to 100	>1 to 10	-6.4%	>10 to 100	>10 to 100	>1 to 10	-5.2%	0.093	0.097	0.004	-4.1%	0.105	0.065	-0.04	61.5%	1.744	2.335	0.591	-25.3%
Toluene	108-88-3	>10 to 100	>100 to 1000	>10 to 100	-36.8%	>10 to 100	>10 to 100	>1 to 10	-17.2%	2.964	3.16	0.196	-6.2%	0.915	0.307	-0.608	198.0%	68.414	99.277	30.863	-31.1%
Xylene (all isomers)	1330-20-7	>100 to 1000	>100 to 1000	>1 to 10	-2.0%	>100 to 1000	>100 to 1000	>1 to 10	-5.7%	0.374	0.413	0.039	-9.4%	0.366	0.265	-0.101	38.1%	6.974	9.339	2.365	-25.3%
Methanol	67-56-1	>10 to 100	>10 to 100	>1 to 10	-9.3%	>10 to 100	>10 to 100	>0 to 1	3.3%	0.377	0.371	-0.006	1.6%	0.077	0.051	-0.026	51.0%	0.909	1.116	0.207	-18.5%
Isopropyl alcohol	67-63-0	>10 to 100	>10 to 100	>1 to 10	-29.3%	>10 to 100	>10 to 100	>1 to 10	-21.0%	0.237	0.398	0.161	-40.5%	0.080	0.078	-0.002	2.6%	0.830	2.219	1.389	-62.6%
n-Butyl alcohol	71-36-3	>100 to 1000	>100 to 1000	>10 to 100	-10.8%	>100 to 1000	>100 to 1000	>10 to 100	-7.6%	0.522	0.854	0.332	-38.9%	1.147	0.587	-0.56	95.4%	6.526	8.807	2.281	-25.9%
Methyl ethyl ketone	78-93-3	>10 to 100	>10 to 100	>10 to 100	-34.8%	>1 to 10	>10 to 100	>1 to 10	-58.8%	5.389	5.436	0.047	-0.9%	0.691	0.211	-0.48	227.5%	26.147	36.796	10.649	-28.9%
1,2,4-Trimethylbenzene	95-63-6	>100 to 1000	>100 to 1000	>0 to 1	0.04%	>100 to 1000	>100 to 1000	>10 to 100	-9.7%	0.135	0.138	0.003	-2.2%	0.670	0.826	0.156	-18.9%	0.000	6.638	6.638	-100.0%
Butyl acetate	123-86-4	>100 to 1000	>100 to 1000	>10 to 100	-11.6%	n/a *				1.060	1.074	0.014	-1.3%	n/a *				n/a *			
Acetone	67-64-1	>1 to 10	>10 to 100	>0 to 1	3.3%	n/a *				0.219	0.253	0.034	-13.4%	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, where there are decreases, are largely because production decreased. Increases in disposals were due to the disposal of off-spec/obsolete paint and raw materials during 2014. Continued to improve the Solvent Recovery Yield in the distillation process.

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, methyl ethyl ketone, butyl acetate and acetone at the facility. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. 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, 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 2014.

No amendments were made to the plans.



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2014 Toxic Reduction Act Annual Public Summary
CERTIFICATION BY HIGHEST RANKING EMPLOYEE:

As of May 21, 2015, I, Paul Chaney, 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
Xylene (all isomers)
Methanol
Isopropyl alcohol
n-Butyl alcohol
Methyl ethyl ketone
1,2,4-Trimethylbenzene
Butyl acetate
Acetone

A handwritten signature in black ink, appearing to read 'Paul Chaney', is written over a horizontal line.

Paul Chaney
Plant Manager-Ajax Site
Axalta Coating Systems Canada Company