

TOXIC REDUCTION ACT, 2009

PUBLIC REPORT – 2019 REPORTING YEAR

Facility Name: Axalta Coating Systems Canada Company - Ajax Performance Coatings Division
NPRI ID: 0000000286
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: 129
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
1,2,4-TRIMETHYL BENZENE	95-63-6	>100 to 1000	NA	>100 to 1000	tonnes
N-BUTYL ALCOHOL	71-36-3	>100 to 1000	NA	>100 to 1000	tonnes
XYLENE	1330-20-7	>100 to 1000	NA	>100 to 1000	tonnes
TOLUENE	108-88-3	>100 to 1000	NA	>10 to 100	tonnes
METHYL ETHYL KETONE	78-93-3	>10 to 100	NA	>10 to 100	tonnes
ISOPROPYL ALCOHOL	67-63-0	>10 to 100	NA	>10 to 100	tonnes
ETHYLBENZENE	100-41-4	>10 to 100	NA	>10 to 100	tonnes
ISOBUTYL ALCOHOL	78-83-1	>10 to 100	NA	>10 to 100	tonnes
2-BUTOXYETHANOL	111-76-2	>10 to 100	NA	<10	tonnes
Volatile organic compounds	NA - M16	>1000	NA	NA	tonnes

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

Substance Name	CAS Number	Release Quantity	Disposal Quantity	Recycle Quantity	Units
1,2,4-TRIMETHYL BENZENE	95-63-6	0.221	1.696	NA	tonnes
N-BUTYL ALCOHOL	71-36-3	0.638	1.054	10.591	tonnes
XYLENE	1330-20-7	0.243	0.676	7.938	tonnes
TOLUENE	108-88-3	4.018	1.930	77.160	tonnes
METHYL ETHYL KETONE	78-93-3	8.927	1.886	42.473	tonnes
ISOPROPYL ALCOHOL	67-63-0	1.030	0.191	1.911	tonnes
ETHYLBENZENE	100-41-4	0.024	0.162	1.985	tonnes
ISOBUTYL ALCOHOL	78-83-1	0.032	0.234	2.074	tonnes
2-BUTOXYETHANOL	111-76-2	0.002	0.009	0.525	tonnes
Volatile organic compounds	NA - M16	16.089	NA	NA	tonnes

Differences Between 2019 and 2018 Reporting

Substance	CAS No.	Used (tonnes)			Contained in Product (tonnes)			Air (tonnes)			Disposal (tonnes)			Recycle (tonnes)		
		2018	2019	% diff	2018	2019	% diff	2018	2019	% diff	2018	2019	% diff	2018	2019	% diff
1,2,4-TRIMETHYL BENZENE	95-63-6	>100 to 1000	>100 to 1000	-14.5%	>100 to 1000	>100 to 1000	-7.5%	0.339	0.221	-34.7%	1.526	1.696	11.2%	0.000	0.000	0.0%
N-BUTYL ALCOHOL	71-36-3	>100 to 1000	>100 to 1000	-13.1%	>100 to 1000	>100 to 1000	-11.2%	0.606	0.638	5.2%	1.416	1.054	-25.5%	9.253	10.591	14.5%
XYLENE	1330-20-7	>100 to 1000	>100 to 1000	-23.6%	>100 to 1000	>100 to 1000	-20.4%	0.234	0.243	3.6%	0.855	0.676	-21.0%	7.777	7.938	2.1%
TOLUENE	108-88-3	>100 to 1000	>100 to 1000	-4.2%	>10 to 100	>10 to 100	12.4%	4.120	4.018	-2.5%	2.130	1.930	-9.4%	75.158	77.160	2.7%
METHYL ETHYL KETONE	78-93-3	>10 to 100	>10 to 100	-3.6%	>10 to 100	>10 to 100	-3.9%	9.121	8.927	-2.1%	2.282	1.886	-17.4%	42.566	42.473	-0.2%
ISOPROPYL ALCOHOL	67-63-0	>10 to 100	>10 to 100	-14.5%	>10 to 100	>10 to 100	-7.1%	1.039	1.030	-0.8%	0.316	0.191	-39.7%	2.099	1.911	-9.0%
ETHYLBENZENE	100-41-4	>10 to 100	>10 to 100	-23.1%	>10 to 100	>10 to 100	-20.7%	0.019	0.024	29.7%	0.175	0.162	-7.3%	1.944	1.985	2.1%
ISOBUTYL ALCOHOL	78-83-1	>10 to 100	>10 to 100	-12.6%	>10 to 100	>10 to 100	-9.2%	0.028	0.032	13.6%	0.115	0.234	104.2%	2.404	2.074	-13.7%
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	NA - Not Reportable	>10 to 100	NA	NA - Not Reportable	>10 to 1000	NA	NA - Not Reportable	0.002	NA	NA - Not Reportable	0.009	NA	NA - Not Reportable	0.525	NA
Volatile organic compounds	NA - M16	>100 to 1000	>1000	119.0%	NA			16.388	16.089	-1.8%	NA			NA		

*Cumene (CAS #98-82-8), Cyclohexane (CAS #110-82-7), and Methyl alcohol (CAS #67-56-1) were reportable in 2018, but were below the reporting thresholds in 2019; therefore, not reportable in 2019.

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. Changes in disposals were due to the changes in the disposal of off-spec/obsolete paint and raw materials during 2018.

Toxics Reduction Plans' Objectives

Where technically and economically feasible, the goal is to reduce the use of 1,2,4-trimethylbenzene, n-butyl alcohol, xylene, toluene, methyl ethyl ketone, isopropyl alcohol, ethylbenzene, isobutyl alcohol, ethylene glycol monobutyl ether, and total volatile organic compounds 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 1,2,4-trimethylbenzene, n-butyl alcohol, xylene, toluene, methyl ethyl ketone, isopropyl alcohol, ethylbenzene, isobutyl alcohol, ethylene glycol monobutyl ether, and total volatile organic compounds 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 2019.

No amendments were made to the plans

2019 Toxic Reduction Act Annual Public Summary

CERTIFICATION BY HIGHEST RANKING EMPLOYEE:

As of July 22, 2020, I, Paul Kalbun, 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 (CAS No. 100-41-4)
Toluene (CAS No. 108-88-3)
Xylene (all isomers) (CAS No. 1330-20-7)
Isopropyl alcohol (CAS No. 67-63-0)
n-Butyl alcohol (CAS No. 71-36-3)
Isobutyl alcohol (CAS No. 78-83-1)
Methyl ethyl ketone (CAS No. 78-93-3)
1,2,4-Trimethylbenzene (CAS No. 95-63-0)
2-Butoxyethanol (CAS No. 111-76-2)
Volatile Organic Compounds (VOC) (CAS No. NA – M16)

Paul Kalbun
Plant Manager
Axalta Coating Systems Canada Company