

TOXIC REDUCTION ACT, 2009

PUBLIC REPORT – 2020 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	>10 to 100	NA	>10 to 100	tonnes
METHYL ETHYL KETONE	78-93-3	>10 to 100	NA	>1 to 10	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
Volatile organic compounds	NA - M16	>1000 to 10,000	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	0.200	0.520	2.641	tonnes
N-BUTYL ALCOHOL	71-36-3	0.585	0.702	10.608	tonnes
XYLENE	1330-20-7	0.178	0.295	4.829	tonnes
TOLUENE	108-88-3	4.125	1.813	58.765	tonnes
METHYL ETHYL KETONE	78-93-3	6.593	1.678	31.976	tonnes
ISOPROPYL ALCOHOL	67-63-0	0.834	0.073	0.534	tonnes
ETHYLBENZENE	100-41-4	0.015	0.049	1.198	tonnes
ISOBUTYL ALCOHOL	78-83-1	0.029	0.025	1.252	tonnes
Volatile organic compounds	NA - M16	15.179	NA	NA	tonnes

Differences Between 2020 and 2019 Reporting

Substance	CAS No.	Used (tonnes)			Contained in Product (tonnes)			Air (tonnes)			Disposal (tonnes)			Recycle (tonnes)		
		2019	2020	% diff	2019	2020	% diff	2019	2020	% diff	2019	2020	% diff	2019	2020	% diff
1,2,4-TRIMETHYL BENZENE	95-63-6	>100 to 1000	>100 to 1000	-14.5%	>100 to 1000	>100 to 1000	-26.5%	0.221	0.200	-9.9%	1.696	0.520	-69.3%	0.000	2.641	100.0%
N-BUTYL ALCOHOL	71-36-3	>100 to 1000	>100 to 1000	-19.0%	>100 to 1000	>100 to 1000	-25.9%	0.638	0.585	-8.3%	1.054	0.702	-33.4%	10.591	10.608	0.2%
XYLENE	1330-20-7	>100 to 1000	>100 to 1000	-17.2%	>100 to 1000	>100 to 1000	-21.9%	0.243	0.178	-26.5%	0.676	0.295	-56.3%	7.938	4.829	-39.2%
TOLUENE	108-88-3	>100 to 1000	>10 to 100	-44.1%	>10 to 100	>10 to 100	-16.3%	4.018	4.125	2.7%	1.930	1.813	-6.1%	77.160	58.765	-23.8%
METHYL ETHYL KETONE	78-93-3	>10 to 100	>10 to 100	-44.3%	>10 to 100	>1 to 10	-27.1%	8.927	6.593	-26.1%	1.886	1.678	-11.0%	42.473	31.976	-24.7%
ISOPROPYL ALCOHOL	67-63-0	>10 to 100	>10 to 100	-26.4%	>10 to 100	>10 to 100	-33.1%	1.030	0.834	-19.0%	0.191	0.073	-61.7%	1.911	0.534	-72.0%
ETHYLBENZENE	100-41-4	>10 to 100	>10 to 100	-18.6%	>10 to 100	>10 to 100	-22.5%	0.024	0.015	-37.2%	0.162	0.049	-69.8%	1.985	1.198	-39.6%
ISOBUTYL ALCOHOL	78-83-1	>10 to 100	>10 to 100	-31.6%	>10 to 100	>10 to 100	-40.7%	0.032	0.029	-7.6%	0.234	0.025	-89.3%	2.074	1.252	-39.6%
Volatile organic compounds	NA - M16	>1000	>1000 to 10,000	-17.4%	NA			16.089	15.179	-5.7%	NA			NA		

*2-Butoxyethanol (CAS #111-76-2) was reportable in 2019 but was below the reporting threshold in 2020; therefore, not reportable in 2020.

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.

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, 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, 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 2020.

No amendments were made to the plans.

2020 Toxic Reduction Act Annual Public Summary

CERTIFICATION BY HIGHEST RANKING EMPLOYEE:

As of [to be filled in when submission completed], 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)
Volatile Organic Compounds (VOC) (CAS No. NA – M16)

Paul Kalbun
Plant Manager
Axalta Coating Systems Canada Company