

**ONTARIO TOXICS REDUCTION ACT
ANNUAL PUBLIC REPORT – 2017**

COMPANY DATA:

Parent Company:

Flash Lux Co S.à r.l.

2 avenue Charles de Gaulle Avenue,

Luxembourg

L21653

LUXEMBOURG

Reporting Facility:

Axalta Coating Systems Canada Company

1915 Second Street West

Cornwall, Ontario

K6H 5T1

National Pollutant Release Inventory Identification Number	1353
Provincial Identifier	6899
Primary Industrial Classification (North American Industrial Classification System, NAICS) code	325510
Geographical Co-ordinates (Datum 1983)	Latitude: 45.0117 Longitude: -74.7773
Technical contact person	Mike Livermore HSE Consultant (613) 932-5192
Number of Full-time employees	77

Phase 1 Substances:

Substance	Methanol	Toluene	Xylene	Ethylbenzene
CAS Number	67-56-1	108-88-3	1330-20-7	100-41-4
Usage (kgs)	10,000 – 100,000	100,000 – 1,000,000	100,000 – 1,000,000	10,000 – 100,000
Contained in product (kgs)	10,000 – 100,000	100,000 – 1,000,000	100,000 – 1,000,000	10,000 – 100,000
On-site release to air (kgs)	1,412	4,502	3,133	659
Offsite transfer (kgs)	332	2,777	4,211	0

Phase 2 substances

Substance	2-Butoxy ethanol	Isobutyl Alcohol	Isopropyl Alcohol	Methyl Ethyl Ketone	Methyl Isobutyl Ketone
CAS Number	111-76-2	78-83-1	67-63-0	78-93-3	108-10-1
Usage (kgs)	10,000 – 100,000	100,000 – 1,000,000	100,000 – 1,000,000	100,000 – 1,000,000	10,000 – 100,000
Contained in product (kgs)	10,000 – 100,000	100,000 – 1,000,000	100,000 – 1,000,000	100,000 – 1,000,000	10,000 – 100,000
On-site release to air (kgs)	170	2208	2066	4501	855
Offsite transfer (kgs)	0	0	631	20851	322

Reg 127 Substances

Substance	Acetone
CAS Number	67-64-1
Usage (kgs)	100,000 – 1,000,000
Contained in product (kgs)	100,000 – 1,000,000
On-site release to air (kgs)	7393
Offsite transfer (kgs)	0

Substance	CAS#	Used						Contained in Product						Air						Disposal/Recycle ²					
		2017		2016		Qty diff ¹	% diff	2017		2016		Qty diff	% diff	2017		2016		Qty diff	% diff	2017		2016		Qty diff	% diff
		100-1000	100-1000	10-1000	10-1000	10-1000	-11.4	100-1000	100-1000	100-1000	100-1000	10-1000	-11.4	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000
Acetone	67-64-1	100-1000	100-1000	10-1000	10-1000	-11.4	100-1000	100-1000	100-1000	100-1000	-11.4	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	
Methanol	67-56-1	10-1000	10-1000	10-1000	10-1000	-19.3	10-1000	10-1000	10-1000	10-1000	-19.3	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	
Isopropanol	67-63-0	100-1000	100-1000	10-1000	10-1000	-12.7	100-1000	100-1000	100-1000	100-1000	-12.7	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	
Toluene	108-88-1	100-1000	100-1000	10-1000	10-1000	-18.7	100-1000	100-1000	100-1000	100-1000	-18.7	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	
Xylene	1330-20-7	100-1000	100-1000	10-1000	10-1000	-12.4	100-1000	100-1000	100-1000	100-1000	-12.4	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	
Ethylbenzene	100-41-4	10-100	10-100	1-10	1-10	-12.4	10-100	10-100	10-100	10-100	-12.4	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	
2-butoxyethanol	111-76-2	10-100	10-100	1-10	1-10	-22.6	10-100	10-100	10-100	10-100	-22.6	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	
Methyl Ethyl Ketone	78-93-3	100-1000	100-1000	10-100	10-100	-19.9	100-1000	100-1000	100-1000	100-1000	-19.9	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	
Methyl Isobutyl Ketone	108-10-1	10-100	10-100	1-10	1-10	-9.6	10-100	10-100	10-100	10-100	-9.6	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	
Isobutyl Alcohol	78-83-1	100-1000	100-1000	1-10	1-10	-1.9	100-1000	100-1000	100-1000	100-1000	-1.9	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	
N-Butyl Acetate	123-86-4	100-1000	100-1000	10-100	10-100	+10.3	100-1000	100-1000	100-1000	100-1000	+10.3	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	
Ethyl Acetate	141-78-6	10-100	10-100	1-10	1-10	-5.6	10-100	10-100	10-100	10-100	-5.6	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100	
Ethyl Alcohol	64-17-5	100-1000	100-1000	10-100	10-100	+7.4	100-1000	100-1000	100-1000	100-1000	+7.4	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	100-1000	

Note 1: All quantities are given in tonnes

Note 2: Given numbers for disposal/recycle are based on information received from waste vendors in 2016 and 2017. Some of the flammable liquid waste shipped to the waste vendors would be distilled and recycled while some would be incinerated.

Toxics Reduction Plans' Objectives

Where technically and economically feasible, the goal is to reduce the use of ethylbenzene, toluene, xylene (all isomers), methanol, 2-butoxyethanol, isopropyl alcohol, isobutyl alcohol, methyl ethyl ketone, methyl isobutyl ketone, n-butyl acetate, ethyl acetate, ethanol and acetone at the Cornwall facility. Reduction activities have been implemented and achieved as outlined in the timetable found in the toxic substance reduction plans. These reductions have been and will continue to be achieved with a variety of implementation strategies. The first implementation strategy is to reduce the percentage of solvent-based coatings in favour of water-based coatings. This will be contingent on customer acceptance of these water-based coatings for quality and cost. The primary solvents that will be decreased are toluene, xylene (all isomers), ethyl benzene, methanol, isobutyl alcohol, methyl ethyl ketone, methyl isobutyl ketone, ethyl acetate and n-butyl acetate. However, there maybe an increase in usage of 2-butoxyethanol, ethanol and acetone as required components of water-based coatings. The second implementation strategy is to replace methanol with the less toxic ethanol in non-grain raising stains until equivalent water-based stains have gained a wider acceptance with customers. The third implementation strategy was to replace methyl ethyl ketone with acetone in some solvent-based coatings in order to achieve a lower VOC coating (acetone has been exempted as a VOC in Ontario). These strategies are on-going

Progress in Implementing Plans

Axalta Cornwall have met their targets for their first 5 year plan from 2012 to 2016. A further 5% reduction was achieved in 2017. The 2018 goal has been set at 5% reduction over 2017.

Certification by highest ranking employee:

As of June 1st 2018, I certify that I have read the toxic substance reduction plan for the substances listed below and I am familiar with its contents, and to my knowledge the information contained herein is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 made under that Act.

Toxic Substances:

Methanol
Toluene
Xylene (all isomers)
Ethylbenzene
2-Butoxyethanol
Isobutanol
Isopropanol
Methyl Ethyl Ketone
Methyl Isobutyl Ketone
Acetone
N-Butyl Acetate
Ethyl Acetate
Ethanol
PM10
PM2.5



Mike Sullivan
Site Manager, Cornwall Facility

June 1st 2018

Date: