

Ontario Toxics Reduction Plan Summary Public Disclosure – Year 2017

Facility Information:

Facility Name:	Tempo Aerospace Inc.
NPRI Identification Number:	0000010082
Two Digit NAICS Code:	32
Four Digit NAICS Code:	3255
Six Digit NAICS Code:	325510
Number of Full-time Employees:	21
UTM Spatial Coordinates (NAD83):	Datum: 616371.95E 4846377.09N
	Zone: 17
	Latitude: 43.76130
	Longitude: -79.55430

Owners of the Facility Information:

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Operator of the Facility Information:

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Public Contact:

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Facility Description

Tempo Aerospace Inc. is a manufacturer and distributor of high performance polyurethane, epoxy, lacquer and alkyd coatings located in Toronto, Ontario. Tempo Aerospace ships worldwide and offers custom formulating, tolling, contract manufacturing and custom batching for high performance primers, topcoats and anti-static coatings

Substances Information

i-Butyl alcohol, methyl ethyl ketone (MEK), and xylenes are all used as formulation components and manufacturing aids. Hexavalent chromium is used as a physical or chemical processing aid and as a manufacturing aid.

Substance Accounting Details

Source	i-Butyl alcohol (tonnes/year)			Methyl ethyl ketone (tonnes/year)		
	2017	2016	Change	2017	2016	Change
Enters (total)	>10 to 100	-	-	>10 to 100	>10 to 100	2.6%
Created	0	-	-	0	0	-
In/on Product	>10 to 100	-	-	>10 to 100	>10 to 100	4%
Released, as Air Emissions	>0 to 1	-	-	>0 to 1	>0 to 1	-58%
Released on-site to land	0	-	-	0	0	-
Released to water	0	-	-	0	0	-
Released, for Recycling	>0 to 1	-	-	>1 to 10	>1 to 10	2.6%
Released to Disposal	>0 to 1	-	-	>0 to 1	>0 to 1	2.6%

Source	Xylenes (tonnes/year)			Hexavalent chromium (kg/year)		
	2017	2016	Change	2017	2016	Change
Enters (total)	>10 to 100	>10 to 100	-24%	>1,000 to 10,000	>1,000 to 10,000	-15%
Created	0	0	-	0	0	-
In/on Product	>10 to 100	>10 to 100	-13%	>1,000 to 10,000	>1,000 to 10,000	-13%
Released, as Air Emissions	>0 to 1	>0 to 1	6.6%	>1 to 10	>0 to 1	797%
Released on-site to land	0	0	-	0	0	-
Released to water	0	0	-	0	0	-
Released, for Recycling	>1 to 10	>1 to 10	-24%	0	0	-
Released to Disposal	>0 to 1	>0 to 1	-24%	10 to <100	10 to <100	-15%

Historical Comparison

Changes to product formulation as well as to the volumes of product produced has led to the inclusion of i-Butyl alcohol for the 2017 reporting year. The amounts of MEK entering the facility, in-products and released for recycling/disposal have increased slightly, however, the amount released as air emissions decreased significantly. The amounts of xylenes and hexavalent chromium entering the facility, in-products and released for recycling/disposal have all decreased moderately. The amount of xylenes released as air emissions increased slightly. The amount of hexavalent chromium released as air emissions increased significantly.

Reduction Plan Objectives and Targets:

Tempo does not have quantity or timeline targets for its TRA substances, as Tempo cannot easily change customers' pre-approved formulas and requirements.

Reduction Options Under Consideration for Implementation:

Research into and the change in formulation of products to focus on water-based and Polyurethane Dispersions (PUDs) products.

Additional Actions and Their Impact on Substance Use, Creation and Discharge:

No changes from the previous reporting year.

Amendments or Changes to Toxic Reduction Plans During Report Period:

No amendments or changes have been made to the facility's toxics reduction plans.

Certification:

As of 2019-01-14, I, Sean Chapman, certify that I have read the 2017 accounting report on the toxic substances referred to below and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and complies with the Toxics Reduction Act 2009 and Ontario Regulation 455/09 (General) made under that Act.

i-Butyl alcohol
methyl ethyl ketone
Xylenes
Hexavalent chromium



Sean Chapman
President, Tempo Aerospace
(Highest Ranking Employee)

2019-01-14 _____
Date