

**TEMPO AEROSPACE INC.
TOXIC REDUCTION PLAN
ANNUAL PUBLIC SUMMARY REPORTS
2012 - 2016**

1. 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

2. Owners of the Facility Information:

Name: Robert Chapman & Sean Chapman
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 Phone Number: (416) 746-2233
 Fax Number: (416) 746-2235
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3. Operator of the Facility Information:

Name: Sean Chapman
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 Phone Number: (416) 746-2233
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 E-mail: schapman@tempo-aerospace.com

4. Public Contact:

Name: Sean Chapman
 Position: President
 Address: 205 Fenmar Drive, Toronto, Ontario M9L 2X4
 Phone Number: (416) 746-2233
 Fax Number: (416) 746-2235
 E-mail: schapman@tempo-aerospace.com

Substances for which toxic substance reduction plans have been prepared:

CAS RN	Substance Name	Toxic Reduction Phase	Toxic Reduction Options	Reduction Targets and Comments
108-88-3	Toluene	I 2012	No reduction options identified in the plan that were being both technically and economically feasible	NA
1330-20-7	Xylene (and all isomers)	I 2012	No reduction options identified in the plan that were being both technically and economically feasible	NA
NA-8	Lead (and its compounds)	I 2012	No reduction options identified in the plan that were being both technically and economically feasible	NA
NA-19	Hexavalent Chromium (and its compounds)	I 2012	No reduction options identified in the plan that were being both technically and economically feasible	NA
78-93-3	Methyl ethyl ketone	II 2013	No reduction options identified in the plan that were being both technically and economically feasible	NA
71-36-3	n-Butyl alcohol	II 2013	No reduction options identified in the plan that were being both technically and economically feasible	NA

Tempo Aerospace Inc. has reported the quantities "used" and "contained in product" in bands and ranges prescribed by the Ontario Ministry of the Environment. The bands and ranges specified by the Ministry are summarized as follows:

Amounts in kilograms or tonnes:

- >0 to 1
- >1 to 10
- >10 to 100
- >100 to 1000
- >1000 to 10,000
- >10,000 to 100,000
- >100,000 to 1000,000
- >1000,000

2012 COMPARISON REPORT – ENTERS, CREATION, CONTAINED IN PRODUCT:

CAS RN	Substance Name	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 19	Hexavalent chromium (and its compounds)	Enters the facility (Use)	>100 to 1,000 kg	>1,000 to 10,000 kg	2011	-603.5081 kg	-40.50
NA - 19	Hexavalent chromium (and its compounds)	Creation	0	0	2011	NA	NA
NA - 19	Hexavalent chromium (and its compounds)	Contained	>100 to 1,000 kg	>1000 to 10,000 kg	2011	-613.6467 kg	-41.59
NA - 08	Lead (and its compounds)	Enters the facility (Use)	>100 to 1,000 kg	>100 to 1,000 kg	2011	-113.9807 kg	-27.77
NA - 08	Lead (and its compounds)	Creation	0	0	2011	NA	NA
NA - 08	Lead (and its compounds)	Contained	>100 to 1,000 kg	>100 to 1,000 kg	2011	-120.0346 kg	-29.54
108-88-3	Toluene	Enters the facility (Use)	>10 to100 tonnes	>10 to100 tonnes	2011	-0.3281 tonnes	-2.44
108-88-3	Toluene	Creation	0	0	2011	NA	NA
108-88-3	Toluene	Contained	>1 to10 tonnes	>1 to10 tonnes	2011	-1.4622 tonnes	-15.43
1330-20-7	Xylene (all isomers)	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2011	-12.0422 tonnes	-31.54
1330-20-7	Xylene (all isomers)	Creation	0	0	2011	NA	NA
1330-20-7	Xylene (all isomers)	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2011	-12.5950 tonnes	-35.33

Toxic Reduction Progress:

The current reporting year saw decrease in all used substances due primarily to lower production of the paints and coatings during this year

Plan Implementation Progress:

There were n toxic reduction options identified in any of Tempo's toxic reduction plans that are technically or economically feasible and can be implemented at the present time.

2013 COMPARISON REPORT – ENTERS, CREATION, CONTAINED IN PRODUCT:

CAS RN	Substance Name	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 19	Hexavalent chromium (and its compounds)	Enters the facility (Use)	>100 to 1,000 kg	>100 to 1,000 kg	2012	-214.0732	-24.14
NA - 19	Hexavalent chromium (and its compounds)	Creation	0	0	2012	NA	NA
NA - 19	Hexavalent chromium (and its compounds)	Contained	>100 to 1,000 kg	>100 to 1,000 kg	2012	-199.4679	-23.15
NA - 08	Lead (and its compounds)	Enters the facility (Use)	>100 to 1,000 kg	>100 to 1,000 kg	2012	-70.9825	-23.94
NA - 08	Lead (and its compounds)	Creation	0	0	2012	NA	NA
NA - 08	Lead (and its compounds)	Contained	>100 to 1,000 kg	>100 to 1,000 kg	2012	-66.6663	-23.28
78-93-3	Methyl ethyl ketone	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2012	-9.2772	-32.07
78-93-3	Methyl ethyl ketone	Creation	0	0	2012	NA	NA
78-93-3	Methyl ethyl ketone	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2012	5.3626	46.27
71-36-3	nButyl alcohol	Enters the facility (Use)	>1 to 10 tonnes	>10 to 100 tonnes s	2012	-2.5860	-24.98
71-36-3	nButyl alcohol	Creation	0	0	2012	NA	NA
71-36-3	nButyl alcohol	Contained	>1 to 10 tonnes	>10 to 100 tonnes s	2012	-3.6269	-35.89
108-88-3	Toluene	Enters the facility (Use)	>10 to 100 tonnes s	>10 to 100 tonnes s	2012	-0.3599	-2.75
108-88-3	Toluene	Creation	0	0	2012	NA	NA
108-88-3	Toluene	Contained	>1 to 10 tonnes	>1 to 10 tonnes	2012	1.7946	22.39
1330-20-7	Xylene (all isomers)	Enters the facility (Use)	>10 to 100 tonnes s	>10 to 100 tonnes s	2012	0.3513	1.34
1330-20-7	Xylene (all isomers)	Creation	0	0	2012	NA	NA
1330-20-7	Xylene (all isomers)	Contained	>10 to 100 tonnes s	>10 to 100 tonnes s	2012	-8.9486	-38.81

Toxic Reduction Progress:

The current reporting year saw decrease in most of the used substances due primarily to lower production of formulas of paints that include these substances

Plan Implementation Progress:

There were n toxic reduction options identified in any of Tempo's toxic reduction plans that are technically or economically feasible and can be implemented at the present time.

2014 COMPARISON REPORT – ENTERS, CREATION, CONTAINED IN PRODUCT:

CAS RN	Substance Name	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported	Change	% Change
NA - 19	Hexavalent chromium (and its compounds)	Enters the facility (Use)	>1000 to 10,1000 kg	>100 to 1,000 kg	2013	375.2186	55.78
NA - 19	Hexavalent chromium (and its compounds)	Creation	0	0	2013	NA	NA
NA - 19	Hexavalent chromium (and its compounds)	Contained	>1000 to 10,1000 kg	>100 to 1,000 kg	2013	370.1648	55.90
NA - 08	Lead (and its compounds)	Enters the facility (Use)	>100 to 1,000 kg	>100 to 1,000 kg	2013	-45.9254	-20.37
NA - 08	Lead (and its compounds)	Creation	0	0	2013	NA	NA
NA - 08	Lead (and its compounds)	Contained	>100 to 1,000 kg	>100 to 1,000 kg	2013	-45.4815	-20.71
78-93-3	Methyl ethyl ketone	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2013	-5.4664	-27.81
78-93-3	Methyl ethyl ketone	Creation	0	0	2013	NA	NA
78-93-3	Methyl ethyl ketone	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2013	-5.3245	-31.41
71-36-3	n-Butyl alcohol	Enters the facility (Use)	>1 to 10 tonnes	>1 to 10 tonnes	2013	-0.2754	-3.55
71-36-3	n-Butyl alcohol	Creation	0	0	2013	NA	NA
71-36-3	n-Butyl alcohol	Contained	>1 to 10 tonnes	>1 to 10 tonnes	2013	-0.2427	-3.75
108-88-3	Toluene	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2013	-0.8323	-6.53
108-88-3	Toluene	Creation	0	0	2013	NA	NA
108-88-3	Toluene	Contained	>1 to 10 tonnes	>1 to 10 tonnes	2013	-0.7507	-7.65
1330-20-7	Xylene (all isomers)	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2013	-2.8659	-10.82
1330-20-7	Xylene (all isomers)	Creation	0	0	2013	NA	NA
1330-20-7	Xylene (all isomers)	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2013	-2.3830	-16.89

Toxic Reduction Progress:

Except for the use of Hexavalent Chromium, the current reporting year saw decrease in all used substances due primarily to lower production of paints requiring these substances during this year.

Plan Implementation Progress:

There were n toxic reduction options identified in any of Tempo's toxic reduction plans that are technically or economically feasible and can be implemented at the present time.

2015 COMPARISON REPORT – ENTERS, CREATION, CONTAINED IN PRODUCT:

CAS RN	Substance Name	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported	Change	% Change
NA - 19	Hexavalent chromium (and its compounds)	Enters the facility (Use)	>1000 to 10,1000 kg	>1000 to 10,1000 kg	2014	1169.9236	111.65
NA - 19	Hexavalent chromium (and its compounds)	Creation	0	0	2014	NA	NA
NA - 19	Hexavalent chromium (and its compounds)	Contained	>1000 to 10,1000 kg	>1000 to 10,1000 kg	2014	1149.0258	111.30
NA - 08	Lead (and its compounds)	Enters the facility (Use)	>100 to 1,000 kg	>100 to 1,000 kg	2014	371.0274	206.62
NA - 08	Lead (and its compounds)	Creation	0	0	2014	NA	NA
NA - 08	Lead (and its compounds)	Contained	>100 to 1,000 kg	>100 to 1,000 kg	2014	363.6304	208.78
78-93-3	Methyl ethyl ketone	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2014	18.5039	130.42
78-93-3	Methyl ethyl ketone	Creation	0	0	2014	NA	NA
78-93-3	Methyl ethyl ketone	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2014	13.5168	116.24
71-36-3	n-Butyl alcohol	Enters the facility (Use)	>10 to 100 tonnes	>1 to 10 tonnes	2014	5.9248	79.10
71-36-3	n-Butyl alcohol	Creation	0	0	2014	NA	NA
71-36-3	n-Butyl alcohol	Contained	>10 to 100 tonnes	>1 to 10 tonnes	2014	6.1188	98.11
108-88-3	Toluene	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2014	13.3154	111.72
108-88-3	Toluene	Creation	0	0	2014	NA	NA
108-88-3	Toluene	Contained	>10 to 100 tonnes	>1 to 10 tonnes	2014	11.3654	125.47
1330-20-7	Xylene (all isomers)	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2014	13.8655	58.69
1330-20-7	Xylene (all isomers)	Creation	0	0	2014	NA	NA
1330-20-7	Xylene (all isomers)	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2014	20.6206	175.86

Toxic Reduction Progress:

The current reporting year saw increases in all used substances due primarily to higher production of paints requiring these substances during this year.

Plan Implementation Progress:

There were n toxic reduction options identified in any of Tempo's toxic reduction plans that are technically or economically feasible and can be implemented at the present time.

2016 COMPARISON REPORT – ENTERS, CREATION, CONTAINED IN PRODUCT:

CAS RN	Substance Name	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported	Change	% Change
NA - 19	Hexavalent chromium (and its compounds)	Enters the facility (Use)	>1000 to 10,000 kg	>1000 to 10,1000 kg	2015	-849.8539	-38.32
NA - 19	Hexavalent chromium (and its compounds)	Creation	0	0	2015	NA	NA
NA - 19	Hexavalent chromium (and its compounds)	Contained	>1000 to 10,000 kg	>1000 to 10,1000 kg	2015	-839.2085	-38.47
NA - 08	Lead (and its compounds)	Enters the facility (Use)	>1000 to 10,000 kg	>100 to 1,000 kg	2015	1317.0770	239.21
NA - 08	Lead (and its compounds)	Creation	0	0	2015	NA	NA
NA - 08	Lead (and its compounds)	Contained	>1000 to 10,000 kg	>100 to 1,000 kg	2015	1294.6026	240.72
78-93-3	Methyl ethyl ketone	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2015	-2.5928	-7.93
78-93-3	Methyl ethyl ketone	Creation	0	0	2015	NA	NA
78-93-3	Methyl ethyl ketone	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2015	-4.3060	-17.12
71-36-3	n-Butyl alcohol	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2015	-4.0395	-30.11
71-36-3	n-Butyl alcohol	Creation	0	0	2015	NA	NA
71-36-3	n-Butyl alcohol	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2015	-3.6785	-29.77
108-88-3	Toluene	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2015	-2.0739	-8.22
108-88-3	Toluene	Creation	0	0	2015	NA	NA
108-88-3	Toluene	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2015	-4.0012	-19.59
1330-20-7	Xylene (all isomers)	Enters the facility (Use)	>10 to 100 tonnes	>10 to 100 tonnes	2015	-8.7673	-23.39
1330-20-7	Xylene (all isomers)	Creation	0	0	2015	NA	NA
1330-20-7	Xylene (all isomers)	Contained	>10 to 100 tonnes	>10 to 100 tonnes	2015	-7.7416	-23.93

Toxic Reduction Progress:

Except for the use of lead, the current reporting year saw decrease in all used substances due primarily to lower production of paints requiring these substances during this year.

Plan Implementation Progress:

There were n toxic reduction options identified in any of Tempo's toxic reduction plans that are technically or economically feasible and can be implemented at the present time.

Facility release to air, Disposal and recycling Data:

On-site releases from the facility to air, off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

Certification by highest ranking employee:

As of May 10, 2017, I, Sean Chapman, certify that I have read the reports on the toxic substance reduction plans for the toxic substance referred to below and am familiar with its contents, and to my knowledge the information contained in the reports are factually accurate and the reports comply with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



Tempo Aerospace Inc.
88605323R0001
OFFICIAL DOCUMENT
L2474
Toronto Ontario Canada

Sean Chapman, President
Tempo Aerospace Inc.

Lead & Compounds	CAS# 7439-92-1
Chromium VI & Compounds	CAS# 18540-29-9
Xylene and Isomers	CAS# 1330-20-7
Toluene	CAS# 108-88-3
Methyl Ethyl Ketone	CAS# 78-93-3
n-Butyl Alcohol	CAS# 71-36-3