

**TEMPO AEROSPACE INC.**  
**2011 TOXIC REDUCTION PLAN SUMMARY**

Lead & Compounds, CAS#: 7439-92-1  
Chromium VI & Compounds, CAS#: 18540-29-9  
Xylene & isomers CAS#: 1330-20-7  
Toluene, CAS#: 108-88-3

**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
Address:	205 Fenmar Drive, Toronto, Ontario M9L 2X4
Phone Number:	(416) 746-2233
Fax Number:	(416) 746-2235
E-mail:	<a href="mailto:schapman@tempo-aerospace.com">schapman@tempo-aerospace.com</a>

**3. Operator of the Facility Information:**

Name:	Sean Chapman
Address:	205 Fenmar Drive, Toronto, Ontario M9L 2X4
Phone Number:	(416) 746-2233
Fax Number:	(416) 746-2235
E-mail:	<a href="mailto:schapman@tempo-aerospace.com">schapman@tempo-aerospace.com</a>

**4. Public Contact:**

Name:	Issa Bisso
Position:	Health, Safety & Environmental Compliance Manager
Address:	1257 Speers Road, Oakville, ON L6L 2X5
Phone Number:	(905) 827-4173 Ext. 2112
Fax Number:	(905) 827-4687
E-mail:	<a href="mailto:ibisso@allcolour.com">ibisso@allcolour.com</a>

## 5. List of substances for which plans have been prepared:

Number	Substance Name and CAS#	Description of the use of substance in the facility
1.	Lead & compounds CAS#: 7439-92-1	A pigment ingredient used to give colour to the industrial paint
2.	Chromium VI & compounds CAS#: 18540-29-9	A pigment ingredient used to give colour to the industrial paint
3.	Xylene & Isomers CAS#: 1330-20-7	A solvent ingredient used as a carrier to resins and to reduce viscosity
4.	Toluene CAS#: 108-88-3	A solvent ingredient used as a carrier to resins and to reduce viscosity

## 6. Plan Summary Statement of Intent:

Tempo Aerospace Inc. is committed to protect the environment. The Company is dedicated to reduce the use of Lead & Chromium VI pigments and Xylene & Toluene solvents in its formulas wherever technically and economically viable. At the present time, the replacement of Lead & Chromium pigments with Lead and Chromium VI free ones is economically not feasible as the price of Lead & Chromium VI free paint products will more than double. The Lead & Chromium VI pigments compounds are integral components in many formulas. Tempo Aerospace at the present time can not reformulate its products which contain Xylene and Toluene because they have been previously approved by customers for their line of products. Tempo Aerospace Inc. does not create any Lead, Chromium VI, Xylene and Toluene substances.

## 7. Objectives and Targets:

Toxic substance reduction will be an on going effort at Tempo Aerospace Inc., and we will continue monitor technological advancements to ensure that options that are both technologically and economically are viable to implement at Tempo. Current available options are not either economically or technically feasible. Tempo Aerospace Inc. can not change easily customers' pre-approved formulas. Also, Tempo Aerospace Inc. can not alter 40% its formulas because they are registered in the Controlled Goods Program under the Public Works and Government Services. Therefore, at the present time Tempo Aerospace Inc. can not reduce the use of lead, Chromium VI, Xylene and Toluene in its formulas

## 8. Description of Options to be Implemented:

There are no technically or economically feasible options that can be implemented at the present time.

## 9. Plans Certification Statements:

This plan summary accurately reflects the content of the toxic substance reduction plans for lead, hexavalent chromium, Xylene and Toluene, prepared by Tempo Aerospace Inc., dated December 5, 2012.

## 10. PLANS CERTIFICATION STATEMENTS:

### Certification by Highest Ranking Employee:

As of December 5, 2012, I, Sean Chapman, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that act.

Lead & Compounds, CAS#: 7439-92-1  
Chromium VI & Compounds, CAS#: 18540-29-9  
Xylene & isomers CAS#: 1330-20-7  
Toluene, CAS#: 108-88-3



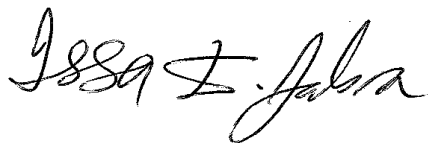
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**Sean Chapman, Vice President  
Tempo Aerospace Inc.**

### Toxic Substance Reduction Planner Statement of Certification:

As of December 5, 2012, I, Issa Bisso, certify that I am familiar with the processes at Tempo Aerospace Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 5, 2012 and that the plan complies with that act and Ontario Regulation 455/09 (General) made under that act.

Lead & Compounds, CAS#: 7439-92-1  
Chromium VI & Compounds, CAS#: 18540-29-9  
Xylene & isomers CAS#: 1330-20-7  
Toluene, CAS#: 108-88-3



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**Issa Bisso, Manager  
Health, Safety and Environmental Compliance  
Allcolour Paint Limited  
Toxic Substance Reduction Planner  
Planner License No. TSRP0075**

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December 17, 2012

Date

**TEMPO AEROSPACE INC.**  
**2012 TOXIC REDUCTION PLAN SUMMARY**  
Methyl Ethyl Ketone, CAS#: 78-93-3  
n-Butyl Alcohol, CAS#: 71-36-3

**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
Address:	205 Fenmar Drive, Toronto, Ontario M9L 2X4
Phone Number:	(416) 746-2233
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**3. Operator of the Facility Information:**

Name:	Sean Chapman
Address:	205 Fenmar Drive, Toronto, Ontario M9L 2X4
Phone Number:	(416) 746-2233
Fax Number:	(416) 746-2235
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**4. Public Contact:**

Name:	Issa Bisso
Position:	Health, Safety & Environmental Compliance Manager
Address:	1257 Speers Road, Oakville, ON L6L 2X5
Phone Number:	(905) 827-4173 Ext. 2112
Fax Number:	(905) 827-4687
E-mail:	<a href="mailto:ibisso@allcolour.com">ibisso@allcolour.com</a>

## 5. List of substances for which plans have been prepared:

Number	Substance Name and CAS#	Description of the use of substance in the facility
1.	Methyl Ethyl Ketone CAS#: 78-93-3	MEK solvent is currently used as an ingredient in certain fast curing paints. Also, MEK used as a carrier to resins and to reduce viscosity. Ingredient in a cleaning agent.
2.	n-Butyl Alcohol CAS#: 71-36-3	n-Butyl Alcohol is used in certain percentages in the formulas to stabilize the required viscosity (flow) of the paint.

## 6. Plan Summary Statement of Intent:

Tempo Aerospace Inc. is committed to protect the environment. The Company is dedicated to reduce the use of Methyl Ethyl Ketone and n-Butyl Alcohol in its formulas wherever it is technically and economically viable. At the present time, the replacement or reduction of Methyl Ethyl Ketone and n-Butyl Alcohol are either technically or economically not feasible. Tempo Aerospace at the present time cannot reformulate its products which contain Methyl Ethyl Ketone and n-Butyl Alcohol because they have been previously approved by customers for their line of products. Tempo Aerospace Inc. cannot alter 40% of its formulas because they are registered in the Controlled Goods Program under the Public Works and Government Services (Ministry of Defense). Tempo Aerospace does not create any Methyl Ethyl Ketone or n-Butyl Alcohol solvents at its facility.

## 7. Objectives and Targets:

Toxic substance reduction will be an ongoing effort at Tempo Aerospace Inc., and we will continue monitor technological advancements to ensure options that are both technologically and economically viable are implemented at Tempo Aerospace Inc. Present available options are not technically or economically feasible. Tempo cannot change easily customers' approved formulas. Also, Tempo Aerospace Inc. cannot alter 40% of its formulas because they are registered in the Controlled Goods Program under the Public Works and Government Services (Ministry of Defense). Therefore, at the present time Tempo cannot reduce the use of Methyl ethyl Ketone and n-Butyl Alcohol in its formulas.

## 8. Description of Options to be Implemented:

There are no technically or economically feasible options that can be implemented at the present time.

## 9. Plans Certification Statements:

This plan summary accurately reflects the content of the toxic substance reduction plans for, Methyl Ethyl Ketone and n-Butyl Alcohol, prepared by Tempo Aerospace Inc., dated December 20, 2013.

**10. PLANS CERTIFICATION STATEMENTS:**

**Certification by Highest Ranking Employee:**

As of December 23, 2013, I, Sean Chapman, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that act.

Methyl Ethyl Ketone, CAS#: 78-93-3  
n-Butyl Alcohol, CAS#: 71-36-3



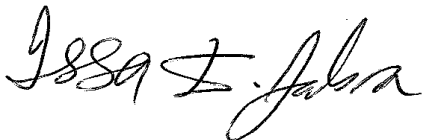
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**Sean Chapman, Vice President  
Tempo Aerospace Inc.**

**Toxic Substance Reduction Planner Statement of Certification:**

As of December 23, 2013, I, Issa Bisso, certify that I am familiar with the processes at Tempo Aerospace Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 23, 2013 and that the plan complies with that act and Ontario Regulation 455/09 (General) made under that act.

Methyl Ethyl Ketone, CAS#: 78-93-3  
n-Butyl Alcohol, CAS#: 71-36-3



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**Issa Bisso, Manager  
Health, Safety and Environmental Compliance  
Allcolour Paint Limited  
Toxic Substance Reduction Planner  
Planner License No. TSRP0075**

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December 23, 2013

Date