

### Substances for which plans have been prepared at facility

Substance	CAS
Lead and its compounds	NA-08
Hexavalent chromium	NA-19
Sulfuric acid	7664-93-9

### Statement of Intent to Reduce

Substance	CAS	Statement of Intent to Reduce the Use and/or Creation of Toxic Substance (or reasons for not including one)
Lead and its compounds	NA-08	Leader Plating on Plastics Ltd. does not intend to reduce the use of lead and its compounds at its facility located on 2 Jody Avenue in Toronto, Ontario because no options have been identified as technically feasible.
Hexavalent chromium	NA-19	Leader Plating on Plastics Ltd. does not intend to reduce the use of hexavalent chromium at its facility located on 2 Jody Avenue in Toronto, Ontario because no options have been identified as technically feasible.
Sulfuric acid	7664-93-9	Leader Plating on Plastics Ltd. does not intend to reduce the use of sulfuric acid at its facility located on 2 Jody Avenue in Toronto, Ontario because no options have been identified as technically feasible.

### Objectives of the Plan

Substance	CAS	Statement of Objectives
Lead and its compounds	NA-08	Leader Plating on Plastics Ltd. does not intend to reduce the use of lead and its compounds.
Hexavalent chromium	NA-19	Leader Plating on Plastics Ltd. does not intend to reduce the use of hexavalent chromium.
Sulfuric acid	7664-93-9	Leader Plating on Plastics Ltd. does not intend to reduce the use of sulfuric acid.

### Planner Recommendations and Rationale

\* Please refer to document attached for planner recommendations and rationale related to each toxic substance listed above.

### Certification by highest ranking employee

As of December 20, 2013, I, Mary Gaspardo, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Lead and its compounds  
Hexavalent chromium  
Sulfuric acid


  
Mary Gaspardo  
President  
Leader Plating on Plastics Ltd.

20-Dec-13  
Date

### Certification by toxic substance reduction planner

As of December 20, 2013, I, Jim Anderson, M.Eng., P.Eng. certify that I am familiar with the processes at Leader Plating on Plastics Ltd. that use or create the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Lead and its compounds - dated December 20, 2013  
Hexavalent chromium - dated December 20, 2013  
Sulfuric acid - dated December 20, 2013

  
Jim Anderson M.Eng., P.Eng.  
Toxic Substance Reduction Planner (TSRP0127)  
MBN Environmental Engineering Inc.

20-Dec-13  
Date

## Basic Facility Information

Name and CAS # of Substance	Lead and its compounds	NA-08
Substances for which other plans have been prepared	Hexavalent chromium	NA-19
	Sulfuric acid	7664-93-9
<b>Facility Identification and Site Address</b>		
Company Name	Leader Plating on Plastics Ltd.	
Facility Name	Leader Plating on Plastics Ltd.	
Facility Address	Physical Address	Mailing Address
	2 Jody Avenue Toronto ON M3N 1H1	same as physical address
Spatial Coordinates of Facility	UTM Easting	UTM Northing
	618890	4844717
Number of Employees	22	
NPRI ID	11217	
<b>Parent Company (PC) Information</b>		
PC Name & Address	--	
	--	
	--	
Percent Ownership for each PC	--	
Business Number for PC	--	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3328	
6 Digit NAICS Code	332810	
<b>Company Contact Information</b>		
Facility Public Contact	Rob Corazza, <i>Operations Manager</i>	
	<a href="mailto:rcorazza@leaderplating.ca">rcorazza@leaderplating.ca</a>	
	Phone: 416-746-1492	
Parent Company Contact	Fax: 416-749-8010	
	N/A	

## Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for lead and its compounds, prepared by MBN Environmental Engineering Inc. for the Leader Plating on Plastics Ltd. facility located at 2 Jody Avenue in Toronto, Ontario, Canada, dated December 20, 2013.

## Statement of Intent

Leader Plating on Plastics Ltd. does not intend to reduce the use of lead and its compounds at its facility located on 2 Jody Avenue in Toronto, Ontario because no options have been identified as technically feasible.

## Reduction Objectives

Leader Plating on Plastics Ltd. does not intend to reduce the use of lead and its compounds.

## Description of Substance

Lead and its compounds is a contaminant found in anodes used in the metal finishing process.

## Toxic Substance Reduction Option to be Implemented

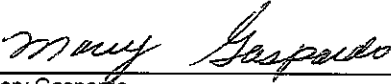
None

## Copy of Certifications

### Certification by highest ranking employee

As of December 20, 2013, I, Mary Gaspardo, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Lead and its compounds  
Hexavalent chromium  
Sulfuric acid



Mary Gaspardo  
President  
Leader Plating on Plastics Ltd.

20-Dec-13  
Date

### Certification by toxic substance reduction planner

As of December 20, 2013, I, Jim Anderson, M.Eng., P.Eng. certify that I am familiar with the processes at Leader Plating on Plastics Ltd. that use or create the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Lead and its compounds - dated December 20, 2013  
Hexavalent chromium - dated December 20, 2013  
Sulfuric acid - dated December 20, 2013



Jim Anderson M.Eng., P.Eng.  
Toxic Substance Reduction Planner (TSRP0127)  
MBN Environmental Engineering Inc.

20-Dec-13  
Date

## Basic Facility Information

Name and CAS # of Substance	Hexavalent chromium	NA-19
Substances for which other plans have been prepared	Lead and its compounds	NA-08
	Sulfuric acid	7664-93-9
<b>Facility Identification and Site Address</b>		
Company Name	Leader Plating on Plastics Ltd.	
Facility Name	Leader Plating on Plastics Ltd.	
Facility Address	Physical Address	Mailing Address
	2 Jody Avenue Toronto ON M3N 1H1	same as physical address
Spatial Coordinates of Facility	UTM Easting	UTM Northing
	618890	4844717
Number of Employees	22	
NPRI ID	11217	
<b>Parent Company (PC) Information</b>		
PC Name & Address	--	
	--	
	--	
Percent Ownership for each PC	--	
Business Number for PC	--	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3328	
6 Digit NAICS Code	332810	
<b>Company Contact Information</b>		
Facility Public Contact	Rob Corazza, <i>Operations Manager</i>	
	<a href="mailto:rcorazza@leaderplating.ca">rcorazza@leaderplating.ca</a>	
	Phone: 416-746-1492	
Parent Company Contact	Fax: 416-749-8010	
	N/A	

## Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for hexavalent chromium, prepared by MBN Environmental Engineering Inc. for the Leader Plating on Plastics Ltd. facility located at 2 Jody Avenue in Toronto, Ontario, Canada, dated December 20, 2013.

## Statement of Intent

Leader Plating on Plastics Ltd. does not intend to reduce the use of hexavalent chromium at its facility located on 2 Jody Avenue in Toronto, Ontario because no options have been identified as technically feasible.

## Reduction Objectives

Leader Plating on Plastics Ltd. does not intend to reduce the use of hexavalent chromium.

## Description of Substance

Hexavalent chromium is a contaminant found in chromic acid which is used in plating baths to produce a chrome finish on plastic substrates.

## Toxic Substance Reduction Option to be Implemented

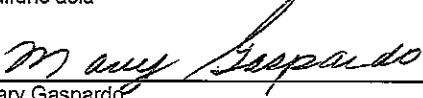
None

## Copy of Certifications

### Certification by highest ranking employee

As of December 20, 2013, I, Mary Gaspardo, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Hexavalent chromium  
Lead and its compounds  
Sulfuric acid


  
\_\_\_\_\_  
Mary Gaspardo  
President  
Leader Plating on Plastics Ltd.

20-Dec-13  
\_\_\_\_\_  
Date

### Certification by toxic substance reduction planner

As of December 20, 2013, I, Jim Anderson, M.Eng., P.Eng. certify that I am familiar with the processes at Leader Plating on Plastics Ltd. that use or create the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Hexavalent chromium - dated December 20, 2013  
Lead and its compounds - dated December 20, 2013  
Sulfuric acid - dated December 20, 2013

  
\_\_\_\_\_  
Jim Anderson M.Eng., P.Eng.  
Toxic Substance Reduction Planner (TSRP0127)  
MBN Environmental Engineering Inc.

20-Dec-13  
\_\_\_\_\_  
Date

## Basic Facility Information

Name and CAS # of Substance	Sulfuric acid	7664-93-9
Substances for which other plans have been prepared	Lead and its compounds	NA-08
	Hexavalent chromium	NA-19
<b>Facility Identification and Site Address</b>		
Company Name	Leader Plating on Plastics Ltd.	
Facility Name	Leader Plating on Plastics Ltd.	
Facility Address	Physical Address	Mailing Address
	2 Jody Avenue Toronto ON M3N 1H1	same as physical address
Spatial Coordinates of Facility	UTM Easting	UTM Northing
	618890	4844717
Number of Employees	22	
NPRI ID	11217	
<b>Parent Company (PC) Information</b>		
PC Name & Address	--	
	--	
	--	
Percent Ownership for each PC	--	
Business Number for PC	--	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
2 Digit NAICS Code	33	
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6 Digit NAICS Code	332810	
<b>Company Contact Information</b>		
Facility Public Contact	Rob Corazza, <i>Operations Manager</i>	
	<a href="mailto:rcorazza@leaderplating.ca">rcorazza@leaderplating.ca</a>	
	Phone: 416-746-1492	
	Fax: 416-749-8010	
Parent Company Contact	N/A	

## Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for sulfuric acid, prepared by MBN Environmental Engineering Inc. for the Leader Plating on Plastics Ltd. facility located at 2 Jody Avenue in Toronto, Ontario, Canada, dated December 20, 2013.

## Statement of Intent

Leader Plating on Plastics Ltd. does not intend to reduce the use of sulfuric acid at its facility located on 2 Jody Avenue in Toronto, Ontario because no options have been identified as technically feasible.

## Reduction Objectives

Leader Plating on Plastics Ltd. does not intend to reduce the use of sulfuric acid.

## Description of Substance

Sulfuric acid is used in a surface preparation step to render the plastic substrate hydrophilic and rough to provide adhesion for the plating process.

## Toxic Substance Reduction Option to be Implemented

None

## Copy of Certifications

### Certification by highest ranking employee

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Sulfuric acid

Lead and its compounds

Hexavalent chromium



Mary Gaspardo  
President  
Leader Plating on Plastics Ltd.

20-Dec-13

Date

### Certification by toxic substance reduction planner

As of December 20, 2013, I, Jim Anderson, M.Eng., P.Eng. certify that I am familiar with the processes at Leader Plating on Plastics Ltd. that use or create the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Sulfuric acid - dated December 20, 2013

Lead and its compounds - dated December 20, 2013

Hexavalent chromium - dated December 20, 2013



Jim Anderson M.Eng., P.Eng.  
Toxic Substance Reduction Planner (TSRP0127)  
MBN Environmental Engineering Inc.

20-Dec-13

Date