

## Toxic Reduction Plan Summary

### Substance

Substance Name and CAS #	1,2,4-Trimethylbenzene CAS # 95-63-6
Substances for which other plans have been prepared	Butyl Benzyl Phthalate, PM10, PM2.5, Xylene, Ethylbenzene, Lead, Cadmium
Beneficial Uses at Facility	Required in manufacturing processes
Reasons for Use	As a formulation component
Reasons for use - summary statement (mandatory)	<ul style="list-style-type: none"> <li>Used in roofing products line as a thinner to prevent asphalt solidification.</li> <li>An aromatic solvent used in polymer solution; breaks down polymer to form rubber solution. Rubber solution is added to various asphalt products and coatings</li> </ul>
Reasons for Creation	This substance is not created at the facility
Reasons for creation - summary statement (mandatory)	N/A

### Facility Information

Company Name	Henry Company Canada
Facility Name	Scarborough Facility
Facility Physical Address	15 Wallsend Drive, Scarborough, ON M1E 3X6
Facility Mailing Address	Same as physical address
Spatial Coordinates of Facility	43.76220 Latitude; -79.16560 Longitude
Number of Employees	68
NPRI ID	4619
Ontario MOE (R.127)ID Number	none assigned
2 Digit NAICS Code	32
4 Digit NAICS Code	3259
6 Digit NAICS Code	325999

### Parent Company Information

Parent Company Name	Henry Company
Address	650-909 Sepulveda Blvd N, El Segundo CA, 90255
Percent Ownership (if available)	100%

### Facility Contact

Public Contact	Todd Thertell
Position	Plant Manager
Address	15 Wallsend Drive, Scarborough ON, M1E 3X6
email	tthertell@henry.com
Phone	(416) 724-2000 ext 300
Fax	

Date of Plan: **December 13, 2013**

## Statement of Intent

Henry Company Canada - Scarborough Facility is committed to playing a leadership role in protecting the environment. For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the use of 1,2,4-trimethylbenzene in its operations because it is a component of formulations used within the current manufacturing processes at the site. Whenever feasible, we will eliminate, or reduce the discharge of 1,2,4-trimethylbenzene in full compliance with all Federal and Provincial Regulations.

## Plan Objectives

While Henry Company does not intend to reduce the use of 1,2,4-trimethylbenzene, the plan was developed with the following objectives:

- We will continue to operate in full compliance with all applicable environmental regulations; and
- We will continue to minimize releases of 1,2,4-Trimethylbenzene through current and future pollution prevention and best management practices.

## Description of Substance

1,2,4-Trimethylbenzene is a component of formulations/solutions used in the processes associated with the manufacture of building products.

## Toxic Substance Reduction Option(s) To Be Implemented

For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the use of 1,2,4-Trimethylbenzene in its operations because it is a key component of formulations/solutions used within the current manufacturing processes at the site. In the past, the facility has implemented multiple programs to prevent and limit discharges. There were no further feasible (technical and economic) reduction options identified.

## Description of Previously Implemented Reduction Opportunities:

- Delivered by closed pipes straight to vessels, controlled by meters
- Operating and maintenance practices are continuously improved to prevent/minimize losses
- Preventative maintenance programs in place and undergo continuous improvement to prevent losses

## Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for 1,2,4-trimethylbenzene, prepared by Henry Company Canada - Scarborough Facility, dated December 13, 2013.

Date of Plan: **December 13, 2013**

### **Certification By Highest Ranking Employee**

As of December 13, 2013, I, Todd Thertell, 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 *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: 1,2,4-Trimethylbenzene



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Todd Thertell  
Plant Manager  
Henry Company Canada - Scarborough Facility

### **Certification By Licensed Planner**

As of December 13, 2013, I, Melanie Hockin certify that I am familiar with the processes at Henry Company Canada - Scarborough Facility 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, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: 1,2,4-Trimethylbenzene



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Melanie Hockin  
Toxic Substance Reduction Planner  
License Number: TSRP0140  
LEHDER Environmental Services Limited

## Toxic Reduction Plan Summary

### Substance

Substance Name and CAS #	Butyl Benzyl Phthalate CAS # 85-68-7
Substances for which other plans have been prepared	1,2,4-Trimethylbenzene, PM10, PM2.5, Xylene, Ethylbenzene, Lead, Cadmium
Beneficial Uses at Facility	Required in product formulation
Reasons for Use	As a formulation component
Reasons for use - summary statement (mandatory)	Used as a plasticizer in coating and paint products
Reasons for Creation	This substance is not created at the facility
Reasons for creation - summary statement (mandatory)	N/A

### Facility Information

Company Name	Henry Company Canada
Facility Name	Scarborough Facility
Facility Physical Address	15 Wallsend Drive, Scarborough, ON M1E 3X6
Facility Mailing Address	Same as physical address
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Ontario MOE (R.127)ID Number	none assigned
2 Digit NAICS Code	32
4 Digit NAICS Code	3259
6 Digit NAICS Code	325999

### Parent Company Information

Parent Company Name	Henry Company
Address	650-909 Sepulveda Blvd N, El Segundo CA, 90255
Percent Ownership (if available)	100%

### Facility Contact

Public Contact	Todd Thertell
Position	Plant Manager
Address	15 Wallsend Drive, Scarborough ON, M1E 3X6
email	tthertell@henry.com
Phone	(416) 724-2000 ext 300
Fax	

Date of Plan: **December 13, 2013**

## Statement of Intent

Henry Company Canada - Scarborough Facility is committed to playing a leadership role in protecting the environment. For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the use of butyl benzyl phthalate in its operations because it is a component of products manufactured at the site. Whenever feasible, we will eliminate, or reduce the discharge of butyl benzyl phthalate in full compliance with all Federal and Provincial Regulations.

## Plan Objectives

While Henry Company does not intend to reduce the use of butyl benzyl phthalate, the plan was developed with the following objectives:

- We will continue to operate in full compliance with all applicable environmental regulations; and
- We will continue to minimize releases of butyl benzyl phthalate through current and future pollution prevention and best management practices.

## Description of Substance

Butyl benzyl phthalate is a component of various products manufactured at this facility. Butyl benzyl phthalate is used as a plasticizer in paint and coating products.

## Toxic Substance Reduction Option(s) To Be Implemented

For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the use of butyl benzyl phthalate in its operations because it is a key component of various products. In the past, the facility has implemented multiple programs to prevent and limit discharges. There were no further feasible (technical and economic) reduction options identified.

## Description of Previously Implemented Reduction Opportunities:

- Delivered by dedicated pails; material is decanted and weighed to follow formula specifications
- Operating and maintenance practices are continuously improved to prevent/minimize losses
- Preventative maintenance programs in place and undergo continuous improvement to prevent losses
- Room is designed for spill control with underground containment tank
- Employees undergo training for substance handling

## Plan Summary Statement

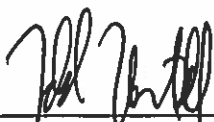
This plan summary accurately reflects the content of the toxic substance reduction plan for butyl benzyl phthalate, prepared by Henry Company Canada - Scarborough Facility, dated December 13, 2013.

Date of Plan: **December 13, 2013**

### **Certification By Highest Ranking Employee**

As of December 13, 2013, I, Todd Thertell, 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 *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: **Butyl Benzyl Phthalate**



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Todd Thertell  
Plant Manager

Henry Company Canada - Scarborough Facility

### **Certification By Licensed Planner**

As of December 13, 2013, I, Melanie Hockin certify that I am familiar with the processes at Henry Company Canada - Scarborough Facility 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 13, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: **Butyl Benzyl Phthalate**



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Melanie Hockin  
Toxic Substance Reduction Planner  
License Number: TSRP0140

LEHDER Environmental Services Limited

## Toxic Reduction Plan Summary

### Substance

Substance Name and CAS #	PM10 CAS # N/A - M09 PM2.5 CAS # N/A - M10
Substances for which other plans have been prepared	Butylbenzyl Phthalate, 1,2,4 Trimethylbenzene, Xylene, Ethylbenzene, Lead, Cadmium
Beneficial Uses at Facility	None
Reasons for Use	This substance is not used at the facility
Reasons for use - summary statement (mandatory)	N/A
Reasons for Creation	As a by-product
Reasons for creation - summary statement (mandatory)	The substance is a by-product of key reactions within the manufacturing processes at the site

### Facility Information

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Phone	(416) 724-2000 ext 300
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Date of Plan: **December 13, 2013**

## **Statement of Intent**

Henry Company Canada - Scarborough Facility is committed to playing a leadership role in protecting the environment. For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the creation of particulate matter in its operations because it is a by-product of key reactions within the current manufacturing processes at the site. Whenever feasible, we will eliminate, or reduce the discharge of particulate matter in full compliance with all Federal and Provincial Regulations.

## **Plan Objectives**

While Henry Company does not intend to reduce the creation of particulate matter, the plan was developed with the following objectives:

- We will continue to operate in full compliance with all applicable environmental regulations; and
- We will continue to minimize releases of particulate matter through current and future pollution prevention and best management practices.

## **Description of Substance**

Particulate matter is created as a by-product in the processes associated with the manufacture of building products.

## **Toxic Substance Reduction Option(s) To Be Implemented**

For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the creation of particulate matter in its operations because it is a by-product of key reactions within the current manufacturing processes at the site. In the past, the facility has implemented multiple programs to prevent and limit discharges. There were no further feasible (technical and economic) reduction options identified.

## **Description of Previously Implemented Reduction Opportunities:**

- Control measures in place to prevent/limit emissions ie: dust collectors
- Operating and maintenance practices are continuously improved to prevent/minimize losses
- Preventative maintenance programs in place and undergo continuous improvement to prevent losses

## **Plan Summary Statement**

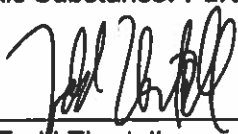
This plan summary accurately reflects the content of the toxic substance reduction plan for particulate matter, prepared by Henry Company Canada - Scarborough Facility, dated December 13, 2013.



### **Certification By Highest Ranking Employee**

As of December 13, 2013, I, Todd Thertell, 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 *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

**Toxic Substance: Particulate Matter (includes PM10 & PM2.5)**



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Todd Thertell  
Plant Manager  
Henry Company Canada - Scarborough Facility

### **Certification By Licensed Planner**

As of December 13, 2013, I, Melanie Hockin certify that I am familiar with the processes at Henry Company Canada - Scarborough Facility 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, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

**Toxic Substance: Particulate Matter (includes PM10 & PM2.5)**



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Melanie Hockin  
Toxic Substance Reduction Planner  
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