



**ENVIRONMENTAL REPORTING
SYSTEMS LIMITED**

**Baytech Plastics Inc.
Heritage Plant
#16403 Highway 12, Midland, Ontario L4R 4L6**

**Toxic Substance Reduction Plan Summary
Public Report
Xylene**

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HERITAGE PLANT
#16403 Highway 12, Midland, Ontario L4R 4L6

Toxic Substance Reduction Plan Summary
Public Report
Xylene

Toxics Reduction Act & Ontario Regulation 455/09

For: Michael Dutton
Director, Heritage Operations
Baytech Plastics Inc.

December 18th, 2017

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ONTARIO

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CANADA

Toxic Substance Reduction Plan Summary

Xylene

Toxics Reduction Act and Ontario Regulation 455/09

Description of Facility

Baytech Plastics Inc. (Baytech) produces various plastic products for commercial and home use. The main facility activities include manufacturing, assembly, shipping, receiving, and warehousing. The facility operates 24 hours per day, seven days per week and no incidents out of the normal course of events occurred at the facility during 2016. This report uses 2016 calendar year data for the Phase 2 Substance Xylene, which is present in the manufacturing process, is a TRA Phase 2 substance and National Pollutant Release Inventory (NPRI) Part 5 Speciated Volatile Organic Compound (VOC) released in excess of 1 tonne, through its significant contribution to the total emission of NPRI Part 4 group of substances; VOC's. Toxic Substance Reduction Plans (TSRP's) dated Dec. 29th, 2014 were confirmed Mar. 31st, 2015 for MEK and Acetone using 2012 data as these two substances qualified as NPRI and TRA reportable substances that year, while Butyl Acetate and Ethyl Alcohol were both under reporting thresholds until 2013 and had their TSRP's dated July 13th, 2015, confirmed July 21st, 2015. This Toxic Substance Reduction Plan Summary Public Report covers Xylene, which was identified as a reportable TRA substance for the first time in 2016.

Baytech is committed to environmental sustainability. More information is available at <http://www.baytechplastics.com/environmental> and <http://www.baytechplastics.com/green-initiatives>.

Facility Name: Baytech Plastics Inc.

Location: #16403 Highway 12, Midland, Ontario L4R 4L6

Phone Number: (705) 526-0591

Fax Number: (705) 526-1560

NPRI Identification Number: 2966

MOE I.D. Number: 5666

2-Digit NAICS Code: 32

4-Digit NAICS Code: 3261

6-Digit NAICS Code: 326198 – All Other Plastic Product Manufacturing

Number of Full-time Employees: ~ 106

UTM Spatial Coordinates: (NAD83-Zone17) 590778 mE: 4954391 mN (front entrance)

Substance 1: Xylene CAS Number 1330-20-7

Public Contact

Name: Dave Taylor, Purchasing Manager

Address: #16403 Highway 12, Midland, Ontario L4R 4L6

Phone Number: (705) 526-0591 Ext. 321

Fax Number: (705) 526-1560

E-mail: davet@baytechplastics.com

Xylene released to air as VOC's from its use as a component in coatings during mixing and painting.

Xylene (CAS# 1330-20-7)

Release to Air from facility process (mixing, painting and drying)

- has straight forward quantifications and direct and indirect cost estimates
- qualified as NPRI Part 5 as threshold surpassed (>1,000 kg as individual VOC)

Statement of Intent

After careful and due consideration of its operations and with ongoing commitment to its environmental sustainability policy, Baytech does not intend to reduce the use and release of the toxic substance at this time.

Objective of the Plan

As options available for reduction are dependent on customer requirements which do not allow for the use of alternatives in coatings, no objective for substance reduction will be made under this plan for Xylene.

Target & Timeline

Baytech is not able to reduce the use of Xylene as a component in coatings and therefore has no targets or timelines for the Plan.

Substance Use

Baytech produces plastic products, most of which are coated with primers, additives and paints.

The TRA prescribed toxic substance Xylene is a component in coatings received at the facility in liquid form in metal containers (5 litre pails and 205 litre drums).

Xylene, being a volatile substance, vapourizes during mixing, painting and drying of parts, escaping as Air emissions.

There are no other creations (C), Destruction (D), Transformation (T), releases (L, W), disposal (DIS), offsite transfers (TR) of TRA substances or any substance contained in product (P).

TRA Summary Table

Substance	CAS #	Year	Used	change % & qty.	Created	change % & qty.	Released	change % & qty.	Disposed	Recycled	Contained in Product
Xylene	1330-20-7	2016	0-1	100%	-	-	0-1	100%	-	-	-
		2015	0	1.027	-	-	0	1.027	-	-	-

The Plan objectives, targets and timelines have not been affected in the reporting year as there were no reduction options identified for implementation. There was no change in the method or combination of methods used to track and quantify the toxic substance during the previous calendar year. There were no incidents out of the normal course of events, nor were there any significant process changes at the facility during the previous calendar year.

This Toxic Substance Reduction Plan Summary accurately reflects the Plan it summarizes.

Plan Certifications for Toxic Substances


Certifications for the Toxic Substance Xylene are required and provided here;

TOXIC SUBSTANCE REDUCTION PLAN for XYLENE

BAYTECH PLASTICS INC. – MIDLAND, ONTARIO

As of December 19th, 2017, I, Michael Dutton, certify that I have read the toxic substance reduction plan dated December 18th, 2017 for the toxic substances 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.

[Xylene]



Michael Dutton
Director – Heritage Operations, Baytech Plastics Inc.
(Highest Ranking Employee)

12/19/17
Date

As of December 19th, 2017, I, Grahaem Capaldi certify that I am familiar with the processes at Baytech Plastics Inc. 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 plan dated December 18th, 2017 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Xylene]



Grahaem Capaldi
President - Environmental Reporting Systems Limited (Toxic Substance Reduction Planner)

TSRPH0063

TSRP#

Dec. 19, 2017

Date