

TOXIC SUBSTANCE REDUCTION PLAN

Summary

for
Xylene (all isomers)

Prepared for:

Rollstar Metal Forming, a division of Martinrea
6655 Northwest Drive
Mississauga, ON L4V 1L1

Prepared by:

EnviroLum Consulting
Kitchener, Ontario

December 31, 2016

Project No.: 18ELC023

EXECUTIVE SUMMARY

Rollstar Metal Forming, a division of Martinrea International Inc. manufactures roll formed metal products, incorporating injection molded plastic to produce exterior products, interiors trim product, and assemblies for the automotive sector at their facility located at 6655 Northwest Drive in Mississauga, Ontario.

In compliance with the Toxics Reduction Act and Ontario Regulation 455/09, this Toxics Substance Reduction Plan has been prepared to identify and evaluate potential options for the facility to reduce its use of xylene (all isomers) (CAS#1330-20-7).

The facility currently does not plan to implement any reduction options since no feasible opportunity for reduction was identified.

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1.0 Basic Facility Information

| SUBSTANCE INFORMATION | | | |
|---|--|-----------------------|--------|
| Substance Name | CAS # | | |
| Xylene (all isomers) | 1330-20-7 | | |
| Substances for which other plans have been prepared | CAS # | | |
| Chromium (and its compounds) | NA – 04 | | |
| Copper (and its compounds) | NA – 06 | | |
| Lead (and its compounds) | NA - 08 | | |
| Nickel (and its compounds) | NA – 11 | | |
| Manganese (and its compounds) | NA – 09 | | |
| Toluene | 108-88-3 | | |
| Zinc (and its compounds) | NA – 14 | | |
| Ethyl alcohol | 64-17-5 | | |
| Methyl ethyl ketone | 78-93-3 | | |
| SITE DETAILS | | | |
| Company | Rollstar Metal Forming | | |
| Site Name | Rollstar Metal Forming | | |
| Address | 6655 Northwest Drive Mississauga, Ontario L4V 1L1 Canada | | |
| UTM - Easting | 610392.53 | | |
| UTM - Northing | 4839805.76 | | |
| NPRI ID | 5929 | NAICS Code (6 digits) | 336390 |
| ON MOE ID | - | NAICS Code (4 digits) | 3363 |
| No. of Employees | 322 | NAICS Code (2 digits) | 33 |
| CONTACT INFORMATION | | | |
| Public Contact | Arben Foto | | |
| Position | Environmental Health & Safety Specialist | | |
| Address | 6655 Northwest Drive Mississauga, Ontario L4V 1L1 Canada | | |
| Phone | 905-673-5060 | | |
| Fax | 905-673-5464 | | |
| Email | Arben.foto@martinrea.com | | |

2.0 Statement of intent

Rollstar Metal Forming is committed to identifying options to reduce the use of toxic substances where feasible and taking a leadership role in protecting the environment. The use of xylene is an integral part of the products that we manufacture, and it is not technically or economically feasible to reduce. We will continue to use these substances in strict accordance with all applicable environmental regulations.

3.0 Objectives of the plan & any targets

The objectives of this plan are to:

- identify potential toxic substance reduction options;
- assess the technical and economic feasibility of reduction options, if any are identified; and
- determine which options, if any, are feasible for implementation.

As part of the continual improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of xylene at the facility.

4.0 Reason for Use or Creation of Toxic Substance

Xylene is an ingredient that make up the various adhesives used at the facility. Xylene is a solvent that acts as a carrier to ensure that the actual adhesive makes it onto the component.

Xylene is not created at the facility.

5.0 Statement for Not Implementing Reduction Options

The facility currently does not plan to implement any reduction options since no new opportunities for reduction were identified that would meet customer's safety and quality standards. Extensive research would be required. Technical and economic feasibility analysis are not included in the plan since no reduction options were identified.

The facility will continue to make improvements to processes and programs where feasible.

6.0 Estimated Reductions for Options Selected

Not applicable since no feasible options were identified for implementation.

7.0 Timelines for Achieving Estimated Reduction

Not applicable since no feasible options were identified for implementation.

8.0 Contents of this Plan Summary Reflects Plan

The plan summary accurately reflects the Toxic Substance Reduction Plan dated December 31, 2016, prepared for the substance identified in Section 1 of this plan summary.

9.0 Copy of Certifications

A copy of the certifications signed by the highest ranking employee and licensed planner are attached to the end of this summary.

Certification by highest ranking employee

As of December 31, 2016, I, George Baranowsky, 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.

Xylene (all isomers)



George Baranowsky
General Manager
Rollstar Metal Forming

MARCH 9 - 2018
Date

Certification by toxic substance reduction planner

As of December 31, 2016, I, Connie Lum, certify that I am familiar with the processes at Rollstar Metal Forming 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.

Xylene (all isomers)



Connie Lum, B.Sc., EP
Toxic Substance Reduction Planner (TSRP0089)
EnviroLum Consulting

March 8, 2018
Date