

Toxic Substance Plan Summary and Certification

Company Name:	Solo Cup Canada Inc	Parent Company:	Solo Cup Company
Address:	2121 Markham Rd, Toronto	Address:	1700 Old Deerfield Rd, Highland Park, Illinois, USA, 60035
Number of Employees	350	UTM Spatial Coordinates	43.80630 -79.24140
NAICS Code	326140	NPRI ID #	0000010435
		Ontario MOE ID #	
Facility Public Contact Position	Marc Emerson		
Phone #:	416 332-3473	Email	Mark.emerson@solocup.com
Toxic Substances	CAS#		
Pentane			
PM 10			
PM 2.5			

Toxic Reduction Policy Statement of Intent

Solo intends to reduce the use of this toxic substance at the facility. This facility does not create pentane; therefore this plan will not address reducing its creation.

Solo cup intends to reduce the creation of PM 10 and PM 2.5. Solo does not use PM; therefore this plan will not address the reduction of PM use.

Reduction Objectives

Solo Cups prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Solo will strive to reduce the use of the Phase 2 toxic substance pentane as well as the creation of PM 2.5 and PM 10, at their facility.

Description of Substances

Pentane is used at the facility as a blowing agent in the manufacture of expanded polystyrene sheets used as tray liners in the airline industry and in the hair product industry where it is used in the hair colouring process. The pentane expanded Polystyrene is manufactured on one sheet extruder at the facility with this product line comprising approximately 1% of all facility production.

Particulate matter is created during the polystyrene extrusion, material handling (regrind), cooling water and natural gas combustion processes located in the facility

Toxic Substance Reduction Option to be Implemented

Solo Cup has reviewed numerous options to reduce the use of Pentane as well as reduce the creation of PM 10 and PM 2.5. After completing both a technical feasibility assessment and an economic feasibility assessment, Solo Cup has found two reduction options that are to be implemented. Both options will reduce the use of Pentane at the facility as well as reduce the scrap rates in the associated processes.

Plan Summary Statement

Solo Cup has completed a Toxic Substance Reduction Plan for their facility and this plan has examined various options for the reduction in the use of pentane as well as the creation of PM 2.5 and PM 10. Of the eight (8) options developed and assessed in the plan, two of these options (Option 5, 7) were found to be technically and economically feasible. The implementation of these option will result in a reduction in the use of pentane. There were no options available to reduce the creation pf PM 10 and PM 2.5 that were both technical and economically feasible.

Certification by Highest Ranking Employee


As of December 28, 2013, I, Mark Emerson, 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.

Toxic Substances:

Pentane

PM10

PM2.5



Signature Mark Emerson

December 28, 2013

Certification by Licensed Planner

As of December 28, 2013, I, Stewart McLellan certify that I am familiar with the processes at Solo Cup Canada 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 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.

Toxic Substances:

Pentane- Plan Dated December 28, 2013

PM10- Plan Dated December 28, 2013

PM2.5- Plan Dated December 28, 2013



December 28, 2013

Stewart McLellan, C.E.T

Toxic Substance Reduction Planner, TRSP0257

Cardinal Environmental Consulting Services Ltd.