
Toxics Reduction Plan

Stoddard Solvent
CAS: 8052-41-3

Prepared for:
PaperWorks Packaging Group
65 Cascade Street,
Hamilton, Ontario
L8E 3B7

Prepared by:
Airzone One Ltd.
222 Matheson Boulevard East
Mississauga, Ontario
L4Z 1X1

December 2013

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1.0 Introduction

PaperWorks Packaging Group (PPG) operates a manufacturing facility located at 65 Cascade Street in Hamilton, Ontario (the "Facility"). PPG manufactures printed paperboard folding boxes and containers, generally utilized by the consumer packaging market.

The Facility is required to a prepare plan under The Toxics Reduction Act (and O. Reg 455/09); they have to account, report and prepare a plan on the reduction of specific toxic substances. The Facility has prepared plans for two (2) TRA Phase I substances: Methanol (CAS#: 67-56-1) and Toluene (CAS#: 108-88-3). The Facility is required to prepare and report for three (3) TRA Phase II substances: Isopropanol (CAS#: 67-63-0), Stoddard Solvent (CAS#: 8052-41-3), and 2-Butoxyethanol (CAS#: 111-76-2). This plan was developed to meet the requirements under O. Reg. 455/09 for Stoddard Solvent (CAS#: 8052-41-3). In addition to this document a plan summary will be submitted to the MOE, and a plan summary will be posted on the internet for public viewing.

1.1. *General Information*

This toxics reduction plan is for Stoddard Solvent (CAS#: 8052-41-3). The facility consumes an industrial solvent (T4326 Special Wash and T4129) to clean the printing presses and printing plates prior to the usage in the next printing job. Furthermore, the facility utilizes a blanket and roller wash (Torham General Purpose Wash) to clean the blankets and rollers prior to the usage in the next printing job. Blanket wash is required to remove old ink and accumulated paper dust from press units. Cleaning occurs at least once per day or when a new job is required.

The toxic substance is contained in cleaning solutions and released to the atmosphere as part 4 substances (Total VOCs, with further speciation as part 5 substances) through exhaust stacks and/or fugitive emissions and it is expected that 100% of the substance used is emitted.

Table 1- General Facility Information

NPRI Number	11795
O Reg 127/01 Number	N/A
Number of Full-Time Employee Equivalents	145
NAICS Code (2 digit)	31-33 - Manufacturing
NAICS Code (4 digit)	3231 - Printing and Related Support Activities
NAICS Code (6 digit)	323119 - Other Printing
UTM Coordinates	17 T 601117 m E 4788210 m N
Company Legal Name	PaperWorks Packaging Group
Company Trade Name	PaperWorks Packaging Group

1.2. Plan Contacts

A list of the individuals involved in the planning process is provided below:

<p>Public Contact: Mr. Leo Puzinas, Plant Manager Tel: (905) 573-4673 Fax: (905) 547-1878 Email: Leo.Puzinas@paperwrks.com</p>

2.0 Facility's Intent, Objectives and Targets

2.1. Use

The act requires that a facility include a statement of intent to reduce the use of the prescribed toxic substance. If the facility does not provide a statement of intent it must provide a reason why it does not intend or why it is not possible to reduce the use of the toxic substance. In addition to this, the facility is required to provide a list of objectives.

Statement of intent: The Facility does not have a statement of intent.

Reason Why the Facility Does Not Have a Statement of Intent:

PaperWorks Packaging Group is committed to playing a leadership role in protecting the environment. The Facility uses the Stoddard solvent toxic substance in a few products that are an integral part for the cleaning and printing operation of the printing presses, and it is not technically or economically feasible to reduce it. There is no suitable substitute in the blanket and roller wash and special wash cleaning formulations that could provide similar results that are within the customers' demands. PPG will continue to use this substance in strict accordance with all applicable environmental regulations, and will continue to evaluate opportunities to reduce the use of the toxic substance as an ongoing project.

Objectives:

PPG prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. They will strive to reduce, eliminate and optimize the use of Stoddard solvent at the PPG facility. No options have been identified, and as part of the continuous improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of toxic at the facility.

Quantity Target: No target.

Target Timeline: No timeline.

Reason Why Toxic Substance is Used at the Facility:

For on-site use/processing.

2.2. Creation

The act requires that a facility include a statement of intent to reduce the creation of the prescribed toxic substance. If the facility does not provide a statement of intent it must provide a reason why it does not intend or why it is not possible to reduce the creation of the toxic substance.

Statement of Intent:

The Facility does not have a statement of intent.

Reason Why the Facility Does Not Have a Statement of Intent:

The Facility does not create the subject substance at the Facility; therefore it is not required to provide a statement of intent on the creation of this substance.

Objectives:

Not applicable.

Quantity Target:

Not applicable.

Target Timeline:

Not applicable.

Reason Why Toxic Substance is Used at the Facility:

Not applicable.

3.0 Facility Goals

There are no reasonable substitutions for this toxic substance and many of the reduction options possible have already been implemented in the past. Therefore, there is no implementation plan or timetable.

4.0 Facility TRA Plan (info)

This plan summary is accurate, up to date and reflects the current facility version of the Toxic Reduction Plan.

5.0 Signed Certification Statements

Refer to the attached signed certification on the following page.

Certification by Highest-Ranking Employee:

As of 11th December 2013 [date], I, Roy Amm, 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, with the exception of the regulatory deadline, and the plan complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

STODDARD SOLVENT

Signed: 

Roy Amm
PaperWorks Packaging Group

Certification by Toxic Substance Reduction Planner:

As of December 12, 2013, I, Franco DiGiovanni, certify that I am familiar with the processes at PaperWorks Packaging Group 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 12, 2013, and, with the exception of the regulatory deadline, that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

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Signed:



Franco DiGiovanni
Airzone One Ltd.