
Toxics Reduction Plan - Summary

Ethyl Acetate
CAS#: 141-78-6

Prepared for:
Aya Kitchens and Baths
1551 Caterpillar Road
Mississauga, Ontario
L4X 2Z6

Prepared by:
Airzone One Ltd.
222 Matheson Blvd E
Mississauga, ON
L4Z 1X1

1.0 Introduction

1.1. *General Information*

The facility is located at 1551 Caterpillar Road, Mississauga, Ontario. The facility was required to report three TRA Phase I substances: toluene (CAS# - 108-88-3), xylene (CAS# - 1330-20-7) and methanol (CAS# - 67-56-1). These substances are contained within the solvents, paints and varnishes used to finish the cabinetry pieces. The facility is also required to report eight TRA Phase II substances: acetone (CAS# - 67-64-1), ethanol (CAS# - 64-17-5), isopropyl alcohol (CAS# - 67-63-0), methyl ethyl ketone (CAS# - 78-93-3), n-butyl acetate (CAS# - 123-86-4), ethyl acetate (CAS# - 141-78-6) (all contained within the solvents, paints and varnishes used to finish the cabinetry pieces), particulate matter smaller than 2.5 microns (CAS# - NA-M10) and particulate matter smaller than 10 microns (CAS# - NA-M09) (emitted from wood sanding and cutting operations).

This plan summary is for Ethyl Acetate (CAS# - 141-78-6). Ethyl Acetate is one of the main constituents of the solvents, paints and varnishes used to finish the cabinetry pieces at the facility. The facility manufactures cabinetry for use in kitchens and bathrooms.

Table 1 - General Facility Information

NPRI Number	247
O Reg 127/01 Number	11162
Number of full time employee equivalents	300
NAICS Code (2 digit)	31-33 - Manufacturing
NAICS Code (4 digit)	3371 - Household and institutional furniture and kitchen cabinet manufacturing
NAICS Code (6 digit)	337110 - Wood kitchen cabinet and counter top manufacturing
UTM Coordinates	17 T 614956 m E 4828988 m N
Company Legal Name	Aya Kitchens & Baths Ltd.
Company Trade Name	Aya Kitchens & Baths Ltd.

1.2. Plan Contacts

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

Table 2 – Plan Contacts

<p>Public Contact</p> <p>Noel Santos VP, Manufacturing & Operations 1551 Caterpillar Road Mississauga, ON L4X 2Z6 Tel: (905) 848-1999 ext 230 Fax: (905) 848-9714 Email: nsantos@ayakitchens.com</p>
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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:

Aya is committed to playing a leadership role in protecting the environment. The facility intends to reduce the use of ethyl acetate by implementing “Materials or Feedstock Substitution” as a toxic reduction option.

Reason why the facility does not have a statement of intent: (if applicable)

N/A

Objectives: (a list of objectives to reduce if any)

Aya prides itself on producing high quality products in an environmentally responsible manner. The Facility will continue to use the toxic substance in strict accordance with all applicable environmental regulations, and will continue to evaluate more opportunities to reduce the use of the toxic substance further as an ongoing project. One (1) reducing option has been identified and measures will be implemented to achieve the target reduction.

Quantity Target: (if any)

14.64 tonnes

Target Timeline: (if any can be expressed in years or described in text box, or no timeline can be selected)

April 21, 2014.

Reason why toxic substance is used at the facility: (from drop down menu options)

As a formulation component; As a manufacturing aid.

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: N/A.

Quantity Target: N/A.

Target Timeline: N/A.

Reason why toxic substance is used at the facility: N/A.

3.0 Facility's Goals

Aya has chosen one (1) option to reasonably reduce the use of ethyl acetate through the plan implementation of the reducing option under the category of "Materials or Feedstock Substitution".

3.1. *Materials or Feedstock Substitution*

Aya intends to reduce the use of ethyl acetate by 14.64 tonnes. This will be achieved by the implementation of material substitution replacing the current topcoat product used with the UV spray booth line. This reduction option will be fully implemented by April 2014.

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

Certification by highest ranking employee

As of July 31st, 2014, I, Dave Marcus, 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 the plan complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act, with the exception of the regulatory deadline. The December 31st deadline has not been met due to the need to re-assess previous TRA accounting submissions.

Ethyl Acetate

Signed:

A handwritten signature in black ink, appearing to read 'Dave Marcus', with a long horizontal flourish extending to the right.

Dave Marcus

Certification by toxic substance reduction planner

As of July 31st, 2014, I, Franco DiGiovanni, certify that I am familiar with the processes at Aya Kitchens & Baths Ltd. 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 July 31st, 2014 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act, with the exception of the regulatory deadline.

Ethyl Acetate

Signed:

A handwritten signature in black ink, appearing to read 'DiGi', is written over a light blue horizontal line.

Franco DiGiovanni

Airzone One Ltd.