

Toxic Reduction Plan Summary

Substance

Substance Name and CAS #	Cobalt
Substances for which other plans have been prepared	Acetaldehyde, Acetone, Ethylene Glycol, Maleic Anhydride, Methanol, Methyl Methacrylate, Nonylphenol and its ethoxylates, Phthalic Anhydride, PM, PM10, PM2.5, Styrene, Xylenes and Zinc
Beneficial Uses at Facility	Integral component of product; required for product's physical properties
Reasons for Use	Customer requirement, substitutions are not permitted.
Reasons for Use – Summary Statement (mandatory)	As a formulation component
Reasons for Creation	This substance is not created at the facility
Reasons for Creation – Summary Statement (mandatory)	N/A

Facility Information

Company Name	AOC Resins and Coatings Co.
Facility Name	Guelph Facility
Facility Physical Address	38 Royal Road, Guelph, ON, N1H 1G3
Facility Mailing Address	Same as physical address
Spatial Coordinates of Facility	556729 E, 4821149 N
Number of Employees	82
NPRI ID	3284
Ontario MOE (R.127) ID Number	5831
2 Digit NAICS Code	32
4 Digit NAICS Code	3252
6 Digit NAICS Code	325210

Parent Company Information

Parent Company Name	AOC LLC
Address	955 Highway 57 East, Collierville, TN, 38017-5205, USA
Percent Ownership (if available)	100%
Business Number (AOC Number)	84202 2873 RC0001

Facility Contact

Public Contact	Paul Chang
Position	Plant Manager
Address	38 Royal Road, Guelph, ON, N1H 1G3
email	pchang@aoc-resins.com
Phone	(519) 823-4310
Fax	(519) 821-0123

Date of Plan: November 1, 2017

Statement of Intent

AOC Resins and Coatings Co. - Guelph Facility is committed to playing a leadership role in protecting the environment. For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the use of Cobalt in its operations because it is a required component for the facility's final product. Whenever feasible, AOC will eliminate, or reduce the discharge of Cobalt (and its compounds) in full compliance with all Federal and Provincial Regulations.

Plan Objectives

While AOC Resins and Coatings Co. does not intend to reduce the use of cobalt as it is a key component of their products, the plan was developed with the following objectives:

- AOC will continue to operate in full compliance with all applicable environmental regulations; and
- AOC will continue to manage releases of cobalt through current and future pollution prevention practices

Description of Substance

Cobalt is used as an additive to resins. It is a component of raw materials in the process.

Toxic Substance Reduction Option(s) To Be Implemented

AOC Resins and Coatings Co. will not be implementing any reduction options at this time because no feasible reduction options could be ascertained. The addition of cobalt and its compounds in the formulation is a customer requirement, over which AOC has no control. Substitutions are not permitted.

Description of Previously Implemented Reduction Opportunities:

- Formula optimized to meet client specifications
- Currently using industry standard technology, procedures and practices to prevent losses

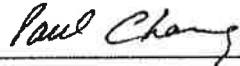
Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for Cobalt prepared by AOC Resins and Coatings Co. - Guelph Facility, dated September 13, 2017.

Certification By Highest Ranking Employee

As of November 1, 2017, I, Paul Chang, 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 complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: **Cobalt (and its compounds)**



Paul Chang
Plant Manager
AOC Resins and Coatings Co. - Guelph Facility

Certification By Licensed Planner

As of November 1, 2017, I, Mark Roehler certify that I am familiar with the processes at AOC Resins and Coatings Co. - Guelph Facility 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 September 13, 2017 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: **Cobalt (and its compounds)**



Mark Roehler
Toxic Substance Reduction Planner
License Number: TSRP0128
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