

Toxic Substance Plan Summary and Certification

Company Name: College Woodwork
Address: 145 Clarence Biesenthal Drive, Oshawa

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|----------------------------|--------|--------------------------------|-------------------------|
| Number of Employees | 62 | UTM Spatial Coordinates | 17, 675093.4, 4864188.2 |
| NAICS Code | 337123 | NPRI ID # | 0000007000 |
| | | Ontario MOE ID # | N/A |

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|--------------------------------|-------------------------|--------------|------------------------------|
| Facility Public Contact | Jeremy O'Dell | | |
| Position | Vice President Finance | | |
| Phone #: | (905) 433-1144 ext. 214 | Email | odellj@kingswaycollege.on.ca |

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|-------------------------|--------------|
| Toxic Substances | CAS # |
| Methanol | 67-56-1 |

Toxic Reduction Policy Statement of Intent

Methanol is currently used at College Woodwork's facility during the manufacture of home furnishings. College Woodwork is committed to the reduction in the use of this toxic substances and has taken several actions to reduce the use of methanol including but not limited to the use of on-site distillation which allows for the reuse of methanol within the coating operations.

Reduction Objectives

College Woodwork take pride in creating solid wood furniture of outstanding beauty, design and value while recognizing the importance of environmentally friendly manufacturing. College Woodwork will strive to reduce their use of the toxic substance methanol.

Description of Substances

College Woodwork manufactures superior quality home furnishings including, but not limited, to desks, chairs, hutches, dressers, etc. Raw materials, which consist of solid woods and plywood's, are transported to the facility by truck where they undergo a number of processes including cutting, ripping, shaping, planing, sanding, staining, painting, sealing, gluing and final assembly prior to shipping from the facility.

Toxic substances including methanol are used in the facilities painting area which consists of one paint line comprised of three (3) manual paint spay booths, flash off areas, one sanding station and one natural gas fired bake off oven.

Toxic Substance Reduction Option to be Implemented

College Woodwork has examined a total of four (4) options for the reduction of the toxic substance methanol. Of these four options, College has decided to not implement any new reduction options.

College Woodwork has been actively pursuing methods of reducing the use methanol through the following actions:

- On site recycling of cleaning solvents
 - College operates an onsite distillation equipment which enables them to reuse their cleaning solvents, eliminating the need to purchase new cleaning solvent and off site hazardous waste disposal
- Semi-annual spray painter training
 - College ensures their spray painters are trained in the most efficient painting techniques in order to minimize the use of paint, minimize the amount of overspray while creating superior quality home furnishings.

Plan Summary Statement

College Woodwork has completed a Toxic Substance Reduction Plan for their facility and this plan has examined various options for the reduction in the use of methanol. Of the four (4) options developed and assessed in the plan, none of the options were found to be technically feasible.

Certification by Highest Ranking Employee

This Plan Summary is being submitted after the December 31, 2016 deadline required by the *Toxics Reduction Act, 2009*.

The Plan Summary is for the substance methanol (67-56-1). College woodwork submitted a Plan Summary by December 31st, 2013 for numerous NPRI Part 5 substances that are released as part of the VOC group. In 2015, a Part 5 methanol exceeded the threshold value of 1,000 Kg and a toxic substance reduction plan was created for this substance. However, the plan summary was not submitted by the December 31st, 2016 deadline as required by the Act. This plan summary corrects this oversight.

As of May 3rd, 2018, I, Jeremy O'Dell, 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 plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act with the exception of the reporting deadline.

Toxic Substances:

Methanol



Signature

May 3rd, 2018

Certification by Licensed Planner

As of May 3rd, 2018 I, Stewart McLellan certify that I am familiar with the processes at College Woodwork 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, with the exception of the reporting deadline, the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substances:

Methanol- Plan Dated May 3rd, 2018



Signature

May 3rd, 2018

Stewart McLellan, C.E.T.

Toxic Substance Reduction Planner, TSRP0257

Cardinal Environmental Consulting Services Ltd.