



**Toxic Substance Reduction Plan Summary
For
2-Butoxyethanol,
Heavy aromatic solvent naphtha and
Isopropyl alcohol**

ABC INOAC Exterior Systems Inc.
220 Brockport Drive,
Toronto, ON M9W 5S1

Rev. 0
Dec. 16, 2016

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1 INTRODUCTION

This Toxic Substance Reduction Plan has been prepared in accordance with Section 8(2) of Toxic Reduction Plan Act and satisfies the minimum plan summary requirement stipulated in Section 24 of Ontario Regulation 455/09. This plan summary accurately reflects the content of the plans for the prescribed substances described as follows.

1.1 Substance information

Substance name and Chemical Abstracts Service Registry number	2-Butoxyethanol (111-76-2)
	Heavy aromatic solvent naphtha (64742-94-5)
	Isopropyl alcohol (67-63-0)

1.2 Facility Information

Facility Name	ABC INOAC Exterior Systems Inc.
Facility Address	220 Brockport Dr., Toronto, ON M9W 5S1
UTM Coordinates	Front door: Easting 613608, Northing 4839933, 17T
Number of Full Time Employees in 2015	350
NPRI Identification Number:	5914
Two Digit NAICS Code:	31-33 - Manufacturing
Four Digit NAICS Code:	3261 - Plastics Product Manufacturing
Six Digit NAICS Code:	326193 - Motor vehicle plastic parts manufacturing
Public Contact	Bob Caughey
	Quality Manager & EMS Representative
	220 Brockport Dr., Toronto, ON M9W 5S1
	(416) 675-7480 ext. 334
Parent Company Information	
<i>Owner 1</i>	
Company Name	ABC Group (Canada) Limited
Company Address:	2 Norelco Dr., Toronto, ON M9L 2X6
Percentage of Ownership:	50%
<i>Owner 2</i>	
Company Name	INOAC Canada Limited (c/o Mr. Mark Stinson)
Company Address:	66 Wellington St. West, Toronto, ON M5K 1N6
Percentage of Ownership:	50%

2 STATEMENT OF INTENT

As required by Section 4(1) of Toxic Reduction Act, a plan must include either a statement of the facility's intent to reduce the use and/or creation of the toxic substance at the facility, or the reasons for not including this statement.

ABC Group is committed to preventing and mitigating its adverse impacts on the environment. ABC INOAC Exterior Systems Inc. (the facility) has an Environmental Management System that is certified to ISO 14001. Environmental issues, objectives and targets are parts of Key Production Indicators monitored and reviewed through regular management meetings and communicated with employees. We understand toxic reduction will be an ongoing effort and will continually team up with our suppliers to eliminate or reduce the use/release of the toxic substances from the paint line, wherever feasible.

The purpose of the plan is to calculate and to identify options that would potentially reduce the use of the aforementioned substances.

ABC INOAC Exterior Systems Inc. does not intend to reduce the amount of 2-Butoxyethanol, Heavy aromatic solvent naphtha and Isopropyl alcohol used at facility, as the use of these three substances is part of a new technology which requires less use and release of toxic substances in general and there are no options could be identified both technically and economically feasible to reduce these substances at this time. The facility is committed to investigating the reduction potentials with the suppliers and meanwhile ensuring that all these three substances are only used under necessary and restricted circumstances.

3 OBJECTIVES OF THE PLAN AND TARGETS

ABC INOAC Exterior Systems Inc. intends to continue to ensure that 2-Butoxyethanol, Heavy aromatic solvent naphtha and Isopropyl alcohol are used in a responsible and efficient manner at facility. Meanwhile, we will continue to investigate the potential reduction options for these three substances.

4 USE/CREATION OF THE TOXIC SUBSTANCE

Toxic Substance	CAS No.	Description of Substance Use / Creation
2-Butoxyethanol	111-76-2	2-Butoxyethanol is used as a formulation component in a paint that was introduced in 2015. This paint is used in the primer application process for plastic parts. 2-Butoxyethanol is not created at this facility.
Heavy aromatic solvent naphtha	64742-94-5	Heavy aromatic solvent naphtha is used as a formulation component in a paint that was introduced in 2015. This paint is used in the primer application process for plastic parts. Heavy aromatic solvent naphtha is not created at this facility.
Isopropyl alcohol	67-63-0	Isopropyl alcohol is used as a formulation component in two paints. Both paints are used in the primer application process for plastic parts. 93% of the use came from the new paint introduced in 2015. Isopropyl alcohol is not created at this facility.

5 OPTIONS TO BE IMPLEMENTED AND ESTIMATED REDUCTIONS

The use of 2-Butoxyethanol, Heavy aromatic solvent naphtha and Isopropyl alcohol is part of a new technology which requires less use of toxic substances in general. Reduction options other than material substitution have been identified and implemented in previous plans; by now, no substitution option that is both technically and economically feasible has been identified to reduce the use of 2-Butoxyethanol, Heavy aromatic solvent naphtha or Isopropyl alcohol. Therefore, there are no potential reduction options to be implemented for these three substances. However, we will continue to team up with the supplier to investigate the potential reduction options.

CERTIFICATIONS OF PLANS

Certification by Highest Ranking Employee

As of December 16, 2016, I, Angelo Cesta, 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.

2-Butoxyethanol (CAS#111-76-2)

Heavy aromatic solvent naphtha (CAS# 64742-94-5)

Isopropyl alcohol (CAS# 67-63-0)



Angelo Cesta
Chief Operating Officer
ABC INOAC Exterior Systems Inc.

Certification by Toxic Substance Reduction Planner

As of December 16, 2016, I, Hua (Laurie) Li certify that I am familiar with the processes at ABC INOAC Exterior Systems 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.

2-Butoxyethanol (CAS#111-76-2)

Heavy aromatic solvent naphtha (CAS# 64742-94-5)

Isopropyl alcohol (CAS# 67-63-0)



Hua (Laurie) Li
Senior Environmental Specialist
ABC Group Inc.
Planner license number: TSRP0248