



**Toxic Substance Reduction Plan Summary
For
Isopropyl alcohol**

MSB Plastics Manufacturing Ltd. - Plant 2
10 Disco Drive,
Toronto, ON M9W 1L7

Rev. 0
Dec. 19, 2016

Table of Contents

1	INTRODUCTION	1
1.1	Substance information	1
1.2	Facility Information	1
2	STATEMENT OF INTENT	2
3	OBJECTIVES OF THE PLANS, TARGETS AND TIMELINES	2
4	USE/CREATION OF THE TOXIC SUBSTANCE	2
5	OPTIONS TO BE IMPLEMENTED AND ESTIMATED REDUCTIONS	2
	CERTIFICATIONS OF PLAN	
	Certification by Highest Ranking Employee	
	Certification by Toxic Substance Reduction Planner	

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	Isopropyl alcohol (67-63-0)
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1.2 Facility Information

Facility Name	MSB Plastic Manufacturing Ltd.- Plant 2
Facility Address	10 Disco Dr., Toronto, ON M9W 1L7
UTM Coordinates	Front door: Easting 613406, Northing 4839751, 17T
Number of Full Time Employees in 2015	255
NPRI Identification Number:	4943
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	Colin S. Dhillon
	Dir. Of Industrial Design & Marketing
	2 Norelco Dr., Toronto, ON M9L 2X6
	(416) 246-1782
Parent Company Information	
Company Name	ABC Group Inc.
Company Address:	2 Norelco Dr., Toronto, ON M9L 2X6
Percentage of Ownership:	100%

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. MSB Plastics Manufacturing Ltd. – Plant 2 (MSB2 or 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.

MSB2 does not intend to reduce the amount of Isopropyl alcohol used at facility as no potential reduction option could be identified that is both technically and economically feasible at this time. The facility is committed to ensuring that this substance is only used under necessary and restricted circumstances.

3 OBJECTIVES OF THE PLAN AND TARGETS

MSB Plastics Manufacturing Ltd. – Plant 2 intends to continue to ensure that Isopropyl alcohol is used in a responsible and efficient manner at facility. Meanwhile, we will continue to investigate the potential reduction options for this substance.

4 USE/CREATION OF THE TOXIC SUBSTANCE

Toxic Substance	CAS No.	Description of Substance Use / Creation
Isopropyl alcohol	67-63-0	Use as a formulation component in a solvent for plastic part cleaning purpose prior to the painting application. Isopropyl alcohol is not created at this facility.

5 OPTIONS TO BE IMPLEMENTED AND ESTIMATED REDUCTIONS

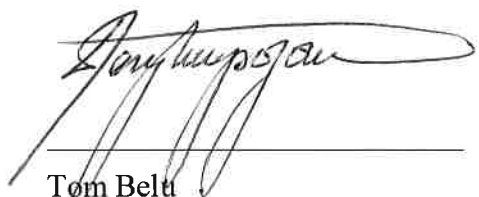
The use of Isopropyl Alcohol is part of the quality control of the product we manufacture. At this time, no potential reduction option could be identified that is both technically and economically feasible to reduce the use of Isopropyl alcohol. Therefore, no reduction option is determined to be implemented for this substance at this time. However, the facility will investigate any new technologies for their feasibility of improving the part cleaning process and even reducing the use/release of this substance.

CERTIFICATION OF PLAN

Certification by Highest Ranking Employee

As of December 19, 2016, I, Tom Belu, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with their contents, and to my knowledge the plan is factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Isopropyl alcohol (CAS# 67-63-0)



Tom Belu
General Manager
MSB Plastics Manufacturing Ltd. - Plant 2

Certification by Toxic Substance Reduction Planner

As of December 19, 2016, I, Hua (Laurie) Li certify that I am familiar with the processes at MSB Plastics Manufacturing Ltd. - Plant 2 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 toxic substance reduction plan referred to below for the toxic substance and that the plan comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Isopropyl alcohol (CAS# 67-63-0)



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