



# **Annual Toxic Substance Accounting Report – Year 2017**

**Reporting Under Toxics Reduction Act, 2009 and  
O. Reg. 455/09**

**For**

**ABC Group Product Development,  
A Division of ABC Group Inc.**

303 Orenda Road West,  
Brampton, ON L6T 5C3

May 31, 2018

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### **CERTIFICATION**

Certification by Highest Ranking Employee

## 1 INTRODUCTION

ABC Group Product Development (PD), as a division of ABC Group Inc., is a manufacturer of plastic automotive parts for OEMs.

A new process that began in 2016 involves reacting/moulding two resin materials which contain certain toxic substances to produce polyurethane products. The substances are essential in the manufacturing process and become components of the product, and there are no alternative processes and/or equipment identified at this time. PD manages these substances as part of the ISO 14001 based Environmental Management System, and intends to continue to ensure that these substances are used in a responsible and efficient manner at facility. Meanwhile, we will continue to investigate the potential reduction options for these substances.

This annual toxics substance accounting report has been prepared to meet the regulatory obligations specified in Section 10 of the Act and has been prepared in accordance with the requirements of Section 27(1) of Ontario Regulation 455/09.

### 1.1 Facility Information

Facility Name	ABC Group Product Development
Facility Address	303 Orenda Road West, Brampton ON L6T 5C3
UTM Coordinates	Front door: UTM Easting: 603783, UTM Northing: 4839359, 17T Latitude: 47.70030 Longitude: -79.71155
Number of Full Time Employees in 2015	256
NPRI Identification Number:	4941
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	Enzo Sorrentino
	Dir. Of Health, Safety & Environment
	2 Norelco Dr., Toronto, ON M9L 2X6
	(416) 246-1782
Company Information	
Company Name	ABC Group Inc.
Company Address:	2 Norelco Dr., Toronto, ON M9L 2X6
Percentage of Ownership:	100%

### 1.2 Substance information

#### Substance name and Chemical Abstracts Service Registry number

Substance name and Chemical Abstracts Service Registry number	Polymeric diphenylmethane diisocyanate (PMDI) (9016-87-9)
	Methylenebis(phenylisocyanate) (MDI) (101-68-8)
	Ethylene glycol (107-21-1)

## 2 QUANTIFICATION OF THE SUBSTANCES

For the purpose of maintaining confidentiality, PD has reported quantities of ‘Use’, ‘Released’, ‘Deposed’, etc. in the bands and ranges prescribed by the Ontario Ministry of the Environment and Climate Change as follows:

- >0 to 1
- >1 to 10
- >10 to 100
- >100 to 1,000
- >1,000 to 10,000
- >10,000 to 100, 000
- >100,000 to 1,000,000

There was a significant increase in the production level in 2017 compared to the previous year, as the new process passed test running and became operational. There were no changes in methods or combination of methods used to track and quantify the toxic substances listed above. There were no changes to the existing toxic reduction plans.

### *Polymeric diphenylmethane diisocyanate (PMDI)*

Tracking and Quantification	2017 Reporting Year (kg)	Change (>10% or < -10%)	Reason for Change
Use	>100,000 to 1,000,000	843%	Increase in the production level
Created	0	0	
Contained in Product	0	0	
Released to Air	0	0	
Released to Land	0	0	
Released to Water	0	0	
Transferred Offsite for Recycling	0	0	
Disposed Onsite	0	0	
Disposed Offsite	0	0	

### *Methylenebis(phenylisocyanate) (MDI)*

Tracking and Quantification	2017 Reporting Year (kg)	Change (>10% or < -10%)	Reason for Change
Use	>100,000 to 1,000,000	844%	Increase in the production level
Created	0	0	
Contained in Product	0	0	
Released to Air	0	0	
Released to Land	0	0	
Released to Water	0	0	
Transferred Offsite for Recycling	0	0	
Disposed Onsite	0	0	
Disposed Offsite	0	0	

*Ethylene glycol*

<b>Tracking and Quantification</b>	<b>2017 Reporting Year (kg)</b>	<b>Change (&gt;10% or &lt;-10%)</b>	<b>Reason for Change</b>
Use	>1,000 to 10,000	First year reporting	
Created	0	0	
Contained in Product	0	0	
Released to Air	0	0	
Released to Land	0	0	
Released to Water	0	0	
Transferred Offsite for Recycling	0	0	
Disposed Onsite	0	0	
Disposed Offsite	0	0	

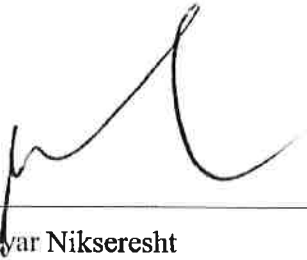
## **Certification by Highest Ranking Employee**

As of May 31, 2018, I, Mahyar Nikseresht, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Methylenebis(phenylisocyanate) (MDI) (101-68-8)

Polymeric diphenylmethane diisocyanate (PMDI) (9016-87-9)

Ethylene glycol (CAS# 107-21-1)

A handwritten signature in black ink, appearing to read 'Mahyar Nikseresht', is written over a horizontal line.

Mahyar Nikseresht  
General Manager  
ABC Group Product Development