

2017 TOXIC SUBSTANCE REDUCTION REGULATION ANNUAL REPORT  
Regulation 455/09

E.I. du Pont Canada Company  
DuPont St. Clair River Site

BASIC FACILITY INFORMATION – St. Clair River Site

<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	E.I. du Pont Canada Company	
<b>Facility Name</b>	DuPont St. Clair River Site	
<b>Facility Address</b>	<b>Physical Address</b>	<b>Mailing Address (if different)</b>
	E.I du Pont Canada Company St. Clair River Site, Modified Polymers, 291 Albert Street Corunna, Ontario Canada N0N 1G0	E.I du Pont Canada Company St. Clair River Site, Modified Polymers, P.O. Box 40 Corunna, Ontario Canada N0N 1G0
<b>Special Coordinates of Facility</b>	UTM Easting: 382408	UTM Northing: 4750472
<b>Number of Employees</b>	91 Number of full time employee equivalents	
<b>NPRI ID</b>	0000001205	
<b>Ontario Reg 127/01 MOECC ID Number</b>		
<b>Parent Company (PC) Information</b>		
<b>PC Name and Address</b>	E. I. du Pont de Nemours Co 1007 Market Street Wilmington, DE 19898	
<b>Percent Ownership for Each PC</b>	100 Percent	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	32 - Manufacturing	
<b>4 Digit NAICS Code</b>	3252 – Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing	
<b>6 Digit NAICS Code</b>	325210 – Resin and synthetic rubber manufacturing	
<b>Company Contact Information</b>		
<b>Facility Public Contact and Highest-Ranking Employee</b>	Rudy Bhola Site Plant Manager	Contact address if different from Facility Address
	Rudy.Bhola-1@dupont.com	
	Phone (519) 862-5705	Same address as facility mailing address noted above
	Fax (519) 862-5880	

Substances:

Substance	CAS #
Maleic Anhydride	108-31-6
Methyl Acrylate	96-33-3

Maleic Anhydride

Maleic Anhydride is purchased and used as a raw material in the extrusion process and is contained in some manufactured products.

	2017 Quantity/Range Amount (tonnes)	Change from 2016 %
Enters the Process	>100 to 500	-1.05
Created	0	0
Contained in Product	>100 to 500	3.29
Released	>0 to 5	-2.23
Disposed	>0 to 5	200.00
Transferred	0	0

Production of plastics containing maleic anhydride in 2017 was approximately equal in volume to that of 2016. There was an increase in the amount disposed.

This substance has had a plan developed and has a time line of 2018 for implementation. The following options have been identified for implementation to reduce use and releases of maleic anhydride:

- Reducing Maleic Anhydride usage through better on-aim statistical process control
- Reduce potential spill quantity at Maleic Anhydride bulk tank through better detection of weight loss

The improvement actions listed above have been instituted and are complete.

## Methyl Acrylate

The methyl acrylate is contained in some raw materials used to manufacture modified polymers. Some methyl acrylate is removed during the extrusion process.

	2017 Quantity/Range Amount (tonnes)	Change from 2016 %
Enters the Process	>10 to 250	6.26
Created	0	0
Contained in Product	>10 to 250	5.87
Released	>0 to 5	23.08
Disposed	>0 to 5	50.24
Transferred	0	0

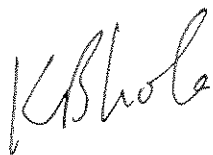
The production of products requiring raw materials containing methyl acrylate increased during 2017 compared to 2016. The level of methyl acrylate entering the process is dependent upon the type of raw material being used in the process.

This substance has had a plan developed and has a time line of 2018 for implementation. The following options have been identified for implementation to reduce use and releases of methyl acrylate:

- Eliminate Production of TPE products to reduce Methyl Acrylate usage

The above option has been approved by the business and as such completed.

I certify that I have read this report on the toxic substance reduction accounting and am familiar with its contents and to my knowledge the information contained in the report is factually accurate and report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 made under the Act.



Rudy Bhola  
Site Manager  
(519) 862-5705