

2016 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

Facility Identification and Site Address		
Company Name	E.I. du Pont Canada Company	
Facility Name	DuPont St. Clair River Site	
Facility Address	Physical Address	Mailing Address (if different)
	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
Special Coordinates of Facility	UTM Easting: 382308	UTM Northing: 4750247
Number of Employees	94 Number of full time employee equivalents	
NPRI ID	0000001205	
Ontario Reg 127/01 MOE ID Number		
Parent Company (PC) Information		
PC Name and Address	E. I. du Pont de Nemours Co 1007 Market Street Wilmington, DE 19898	
Percent Ownership for Each PC	100 Percent	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	32 - Manufacturing	
4 Digit NAICS Code	3261 - Basic Plastic Manufacturing	
6 Digit NAICS Code	326198 – All Other Plastic Product Manufacturing	
Company Contact Information		
Facility Public Contact and Highest Ranking Employee	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.

	2016 Quantity/Range Amount (tonnes)	Change from 2015 %
Enters the Process	>100 to 1,000	5.45
Created	0	0
Contained in Product	>100 to 1,000	8.11
Released	>0 to 5	3.32
Disposed	>0 to 5	100.00
Transferred	0	0

Production of plastics containing maleic anhydride in 2016 was greater in volume than that of 2015. 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.

	2016 Quantity/Range Amount (tonnes)	Change from 2015 %
Enters the Process	>10 to 250	-54.74
Created	0	0
Contained in Product	>10 to 250	-47.04
Released	>0 to 5	-93.05
Disposed	>0 to 5	-89.80
Transferred	0	0

The production of products requiring raw materials containing methyl acrylate decreased during 2016 compared to 2015. 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
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