

Index

[Plan/Company Information](#)

[Statement of Intent, Objectives and Targets](#)

[Toxic Substance Use/Purpose](#)

[Substance Accounting](#)

Toxic Substance Reduction Plan

[Index](#)

Revision	2014-1	
Date	December 16, 2014	
Substance Name	Methanol	
CAS #	67-56-1	
Company Information		
Facility Name	Supplies Development Centre	
Facility Address	2660 Speakman Dr., Mississauga, Ontario L5K 2L1	
Mailing Address	Same	
Spatial Coordinates	17N 607758 4818693	
NPRI ID	0000005820	
Ontario MOE ID #	6579	
Number of Employees	73	
Parent Company Information		
Company Name	Xerox Canada Inc.	
Company Address	5650 Yonge St., North York, Ontario, M2M 4G7	
Mailing Address	Same	
Percent Ownership	100%	
Business Number	416-229-3769	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	320000	
4 Digit NAICS Code	3259	
6 Digit NAICS Code	325999	
Company Contact Information		
Highest Ranking Employee	Peter Abraham - TD&MG Manufacturing Operations Manager	905 8237091 x420
Plan Coordinator	Kim Tracey - Supplies Development Centre Environmental, Health and Safety Specialist	905 8237091 x568
Plan Prepared By	Kim Tracey - Supplies Development Centre Environmental, Health and Safety Specialist	905 8237091 x568
Public Contact	John Quinn - Manager Internal Communications And Public Affairs	416 733 6828
Alternate Public Contact	Emechete Onuoha - VP, Citizenship and Government Affairs	613 783 5820
Technical Contact	Kim Tracey - Supplies Development Centre Environmental, Health and Safety Specialist	905 8237091 x568
Planner Responsible for Recommendations	Kim Tracey - Supplies Development Centre Environmental, Health and Safety Specialist	905 8237091 x568
Licence #	TSRP0305	
Planner Responsible for Certification	Kim Tracey - Supplies Development Centre Environmental, Health and Safety Specialist	905 8237091 x568
Licence #	TSRP0305	

Statement of Intent

[Index](#)

The Xerox Supplies Development Centre (SDC) is committed to playing a leadership role in protecting and sustaining the environment. The objectives of the Toxic Substances Reduction Act (TRA) align well with Xerox's commitment to minimize the impact of operations and products on the environment as evidenced by existing programs and controls requiring that all its personnel work to reduce the use, disposal and releases of toxic substances including Methanol by any option both reasonable and feasible.

Methanol, one of the substances required to be reported under the provisions of the Toxic Reduction Act (TRA), is used in multiple processes to make the products manufactured at the SDC or to effectively clean process equipment. Methanol is considered a commodity material and is widely used in the chemical industry. The facility participates in corporate programs which foster and promote a worldwide commitment to improve environmental, health, safety and security performance. The vast amount of Methanol is disposed of as liquid waste. A small amount of Methanol is released to air during processing and storage. Finally trace amounts of Methanol (ppm concentration level) remain un-reacted as residual in the product. The Xerox Supplies Development Centre (SDC) is in compliance with all Ministry of Environment and local regulations regarding emissions and waste management.

Given that the existing focus and programs at the SDC strive for continuous improvement in all operational aspects, including those which would minimize any waste in manufacturing processes that use Methanol, and having conducted a review to determine new reduction options as stipulated by the TRA it was concluded that no new technically and financially feasible options exist to achieve an absolute reduction in Methanol use at the facility other than to curtail production. The SDC therefore cannot claim intent to effect an absolute reduction in Methanol usage.

List of Substances/Toxic Substance Reduction Plans:

Methanol
nButyl Acrylate
Styrene
Acetone
Dimethyl Formamide

Toxic Substance Use/Purpose

[Index](#)

Methanol is used as a solvent to remove unreacted monomer prior to 'laying up' the EA production equipment or in the P/R process to prepare (dry) the equipment. Methanol is also used in the P/R process as a solvent to remove impurities and to provide the required functional properties when combined with other materials used in the manufacturing process.

Spills of Methanol are rare. Spilled material is absorbed and/or washed/rinsed into the containment system and may be disposed of along with other liquid waste streams.

Based upon engineering estimates, ~1% of the Methanol used escapes as air emissions during storage, dispensing and use.

Substance Accounting

[Index](#)

Facility wide determinations made in respect of Methanol as required by subsection 12(1) of the Toxic Substance Reduction Regulation O. Reg. 455/09.

Use	10 tonnes
Creation	0
Destroyed or Transformed	0
Contained in Product	0
Onsite Release to Air	0
Onsite Release to Water	0
Onsite Release to Land	0
Onsite Disposal	0
Offsite Transfer for Treatment/Recycling	10 tonnes