



Tillsonburg, Ontario Foam Operations – Toxic Substance Reduction Plan Summary – 2012 Report

Basic Facility Information

<p>Substances</p> <p>Name of Substance / CAS#:</p> <p>Substances for which other Plans have been prepared / CAS#:</p>	<p>Toluene Diisocyanate / 26471-62-5</p> <p>Hydrocarbon Naptha / 64742-47-8</p> <p>Diethanolamine / 111-42-4</p>
<p>Facility Identification and Site Address</p> <p>Company Name:</p> <p>Facility Name:</p> <p>Facility Address:</p> <p>Spatial Coordinates of Facility:</p> <p>Number of Employees</p> <p>NPRI ID:</p> <p>Ontario MOE ID:</p>	<p>Johnson Controls Inc.</p> <p>Johnson Controls Canada LP</p> <p>100 Townline Road, Tillsonburg, Ontario, Canada, N4G 2R7</p> <p>523327.66m E, 4744575.71m N</p> <p>332</p> <p>3613</p> <p>N/A</p>
<p>Parent Company Information</p> <p>Name and Address:</p> <p>Percent Ownership:</p> <p>Business Number:</p>	<p>Johnson Controls Inc, 5757 North Green Bay Avenue, Milwaukee, Wisconsin, United States, 53209-0000</p> <p>100%</p> <p>887873412</p>
<p>Primary NAICS Codes</p> <p>2 Digit NAICS:</p> <p>4 Digit NAICS:</p> <p>6 Digit NAICS:</p>	<p>31-33</p> <p>3363</p> <p>336360</p>
<p>Company Contact Information</p> <p>Facility Contact:</p>	<p>Ken McKenzie , Plant Manager</p> <p>100 Townline Road, Tillsonburg, Ontario, Canada, N4G 2R7</p> <p>519-842-5971</p>
<p>Public and Parent Company Contact Information</p> <p>Public/Parent Company Contact:</p>	<p>Debbie Lacey, Executive Director Communications</p> <p>45000 Helm Street, Plymouth, Michigan, United States, 48170</p> <p>734-254-5735</p>



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Plan Summary Statement

This Plan Summary accurately reflects the content of the Toxic Reduction Plan for Toluene Diisocyanate prepared by Johnson Controls, Automotive Canada LP, dated December 19, 2013.

Statement of Intent

Johnson Controls Tillsonburg is committed to taking a proactive approach to protecting the environment. Wherever practical, we will reduce our creation of wastes from Toluene Diisocyanate and our emissions will be discharged in full compliance with all Federal and Provincial environmental regulations.

Reduction Objectives

We are committed to reducing our waste volumes of Toluene Diisocyanate through increased recycling of scrap foam and in the reduction of filters used in the transfer process.

Description of Substance

Toluene Diisocyanate is used as a reactant in the manufacturing of polyurethane foam pads for the automotive industry.

Toxics Substance Reduction Options to be Implemented

The following options have been identified for implementation to reduce the release of wastes containing Toluene Diisocyanate:

- Oily contaminated scrap foam pads from a processing malfunction will have the oily portions cut out, while recycling the remainder of the pad
- Filters used in the Toluene Diisocyanate transfer process will be reduced by decreasing the number of filter change outs annually. This will minimize the hazardous waste that is created from filter changes.

Toxic Material	2012	% Reduction	Tonnage Reduction
Toluene Diisocyanate (Tonnes)			
Used	3787	N/A	N/A
Created	N/A	N/A	N/A
In Product	3728	N/A	N/A
Release	39	0.004	0.13

It is expected that these reduction options will be completed in 2014. Opportunities for further reduction options will also be investigated.

No reduction options have been identified for Hydrocarbon Naptha and Diethanolamine at this time. Opportunities for reduction options will be further investigated.

Johnson Controls - Tillsonburg Ontario, Foam Operations
Toxics Reduction Plan (O. Reg 455)

Certification of the Plan



Plant Manager (Highest Ranking Employee)

As of December 19, 2013, I, Ken McKenzie, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act

Toluene Dilsocyanate, Diethanolamine, Hydrocarbon Naptha

Signature: 

Ken McKenzie, Johnson Controls Tillsonburg, Plant Manager

Date: Dec 19/13

Toxics Reduction Planner

As of Dec. 31, 2013, I, Danielle Arsenault certify that I am familiar with the processes at Johnson Controls, Tillsonburg that use or create the toxic substances 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 plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toluene Dilsocyanate: December 19, 2013

Diethanolamine: December 19, 2013

Hydrocarbon Naptha: December 19, 2013

Signature: 

Toxics Substance Release Planner License: Danielle Arsenault, TSRP 0289

Date: Dec. 31, 2013