

Adient Tillsonburg, Ontario Foam Operations – Toxic Substance Reduction Plan Summary – 2017 Report

Basic Facility Information

<p><b>Substances</b></p> <p>Name of Substance / CAS#: Toluene Diisocyanate / 26471-62-5</p> <p>Substances for which other Plans have been prepared / CAS#: Hydrocarbon Naptha / 64742-47-8 Diethanolamine / 111-42-4</p>	
<p><b>Facility Identification and Site Address</b></p> <p>Company Name: Adient U.S. LLC.</p> <p>Facility Name: Adient Seating Canada L.P.</p> <p>Facility Address: 100 Townline Road, Tillsonburg, Ontario, Canada, N4G 2R7</p> <p>Spatial Coordinates of Facility: 523327.66m E, 4744575.71m N</p> <p>Number of Employees: 332</p> <p>NPRI ID: 3613</p> <p>Ontario MOE ID: N/A</p>	
<p><b>Parent Company Information</b></p> <p>Name and Address: Adient plc 25-28 North Wall Quay, IFSC, Dublin 1, Ireland</p> <p>Percent Ownership: 100%</p> <p>Business Number: 584907</p>	
<p><b>Primary NAICS Codes</b></p> <p>2 Digit NAICS: 31-33</p> <p>4 Digit NAICS: 3363</p> <p>6 Digit NAICS: 336360</p>	
<p><b>Company Contact Information</b></p> <p>Facility Contact: Ken McKenzie , Plant Manager 100 Townline Road, Tillsonburg, Ontario, Canada, N4G 2R7 519-842-5971</p>	
<p><b>Public and Parent Company Contact Information</b></p> <p>Public/Parent Company Contact: Mary Kay Dodero, Director Communications 49200 Halyard Drive, Plymouth, Michigan, United States, 48170 734-254-7704</p>	

## Plan Summary Statement

This Plan Summary accurately reflects the content of the Toxic Reduction Plan for Toluene Diisocyanate prepared by Adient Seating Canada L.P. , dated March 1, 2018.

## 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	2017	% Reduction	Tonnage Reduction
Toluene Diisocyanate (Tonnes)				
Used (Tonnes)	3787	1493	60%	2294
Created (Tonnes)	N/A	N/A	N/A	N/A
In Product (Tonnes)	3728	1402	62.4%	2326
Release (Kg)	39	20	48.7 %	19

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.

Adient Seating Canada L.P. - Tillsonburg Ontario, Foam Operations  
Toxics Reduction Plan (O. Reg 455)

**Certification of the Plan**



**Plant Manager (Highest Ranking Employee)**

As of March 01, 2018, 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 Diisocyanate, Diethanolamine, Hydrocarbon Naptha*

Signature: \_\_\_\_\_

*Ken McKenzie, Adient Seating Canada L.P. Tillsonburg, Plant Manager*

Date: \_\_\_\_\_

*Mar 1/18*