

## BASIC FACILITY INFORMATION

Company Name: Ainsworth Engineered Canada LP

### Contact Information:

Highest Ranking Employee: Jordain Rheault  
Site Manager  
8074872000  
[jordain.rheault@ainsworth.ca](mailto:jordain.rheault@ainsworth.ca)

Technical Contacts: Chris Walton  
Arbora Management Services Inc.  
807.620.6094  
[chris@arbora.ca](mailto:chris@arbora.ca)

Certified Planner: Tony van der Vooren P.Eng, Ph.D, QEP  
License Number TSRP0051  
Senior Environmental Consultant  
AMEC Americas Limited  
905-403-3536  
[tony.vandervooren@amec.com](mailto:tony.vandervooren@amec.com)

Parent Company: Ainsworth Engineered Canada LP  
100% ownership

Address: 181 Nighswander Road  
Barwick, Ontario  
P0W1A0

Business Number: 899519573

The facility's NPRI ID: 7170

169 full time employees (equivalent).

Site Location (UTM Coordinates): Zone 15U 428219.00 m E, 5388203.00 m N

The NAICS codes applicable to the facility are:

32	– Wood product manufacturing
3212	– Veneer, plywood and engineered wood product manufacturing
321217	– Waferboard Mills

This Toxic Reduction plan was prepared for methylenebis(phenylisocyanate) (MDI). Separate toxic reduction plans have been prepared for nitrogen oxides, carbon monoxide, particulates (TPM, PM10, and PM2.5), polymeric diphenylmethane diisocyanate (P-MDI), methanol, acetaldehyde, acrolein, formaldehyde, cadmium and lead.

101-68-8 methylenebis(phenylisocyanate) (MDI)



## **TOXIC REDUCTION POLICY STATEMENT OF INTENT**

Ainsworth Engineered Canada LP (Ainsworth) is committed to playing a leadership role in protecting the environment. Wherever feasible, we will reduce the use and discharge of methylenebis(phenylisocyanate (MDI) in full compliance with all federal and provincial regulations. Our employees are encouraged to participate in all types of toxic substance reduction activities. Toxic substance reduction will be an ongoing effort at Ainsworth, and we will continue to monitor advancements to ensure that options that are both technologically and financially viable are implemented at our facility. No current options were identified that are technically or economically feasible.

## **REDUCTION OBJECTIVES**

There was no reduction option was indentified because Ainsworth is already improving their manufacturing process, on a continuous basis, to reduce their MDI/PMDI resin use. Resins are a costly raw material for the facility. This is achieved through modifying press recipes, dilution (with water) and substitution (better performing resin recipes). Every operation has a performance objective that is evaluated on a yearly basis, to reduce resin consumption. These objectives are built into site performance plans. In addition the MDI/PMDI resins used at Ainsworth are ultimately selected based on their performance characteristics in the final product and customer requirements. There are no feasible resin alternatives that fit both performance and customer requirements.

## **PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for MDI prepared on behalf of Ainsworth Engineered Canada LP., dated December 13, 2013.

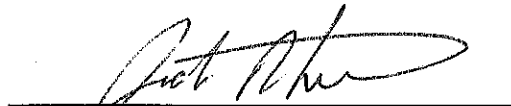
## **DESCRIPTION OF SUBSTANCE**

Methylenebis(phenylisocyanate (MDI) is contained in the isocyanate resin used to create the Oriented Strand Board (OSB) panels. The resin is used as an as adhesive to bond the strands and is contained in the final product.

### **CERTIFICATION OF HIGHEST RANKING EMPLOYEE**

As of December 13, 2013, I, Jordain Rheault, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

101-68-8 Methylenebis(phenylisocyanate) (MDI)

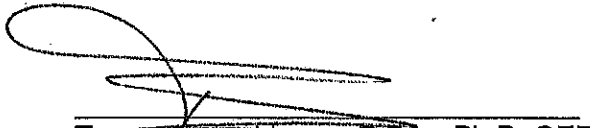


Jordain Rheault  
Ainsworth Engineered Canada LP  
Site Manager  
Barwick, On

### **CERTIFICATION OF LICENSED PLANNER**

As of December 13, 2013, I, Tony van der Vooren certify that I am familiar with the processes at the Ainsworth Engineered Canada LP Barwick facility that use or create the toxic substance 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 plan dated December 13 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

101-68-8 Methylenebis(phenylisocyanate) (MDI)



Tony van der Vooren P.Eng, Ph.D. QEP  
Licensed Toxic Reduction Planner (Ontario): License Number TSRP0051  
Senior Environmental Consultant  
AMEC Americas Limited