

BASIC FACILITY INFORMATION

Company Name: Ainsworth Engineered

Contact Information:

Highest Ranking Employee: Jordain Rheault
Site Manager
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Technical Contacts: Bob Swing – Safety/Environment Manager
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Certified Planner: Tony van der Vooren P.Eng, Ph.D, QEP
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Senior Environmental Consultant
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Parent Company: Ainsworth Engineered
100% ownership

Address: 181 Nighswander Road
Barwick, Ontario
P0W1A0

Business Number: 899519573
The facility's NPRI ID: 7170
160 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

The site emits Methanol*, Acetaldehyde*, Formaldehyde, Cadmium* and Lead* which are part of Phase 1 MOE Toxic compounds list.

*(A Separate Plan has been developed for Acetaldehyde, Formaldehyde, Cadmium, Lead)

50-00-0 Formaldehyde

TOXIC REDUCTION POLICY STATEMENT OF INTENT

Ainsworth Engineered is committed to playing a leadership role in protecting the environment. Wherever feasible, we will eliminate or reduce the creation and discharge of Formaldehyde 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 feasible or economically feasible.

REDUCTION OBJECTIVES

All employees at Ainsworth Engineered will be involved in the reduction of toxic substance use, creation and releases. Formaldehyde will be our one of our first priorities for reduction. Our goal is to reduce the use of Formaldehyde where technically and economically feasible. No current options were identified that are technically feasible or economically feasible.

There was no reduction option was identified because there is no viable way of reducing use and creation Formaldehyde. In addition only a trace amount of formaldehyde is contained in the resin used in the Ainsworth OSB process (less than 0.1%). Based on the NPRI definition of MPO (manufactured, produced or otherwise used) only substances greater than 1% are required for inventory calculations. Resins used at Ainsworth are ultimately selected based on their performance characteristics in the final product and are dictated by the key requirements and specifications set by clients and the market place. For mass balance purposes some formaldehyde is assumed to be used at the site in resins, but the majority of formaldehyde is created and released during the drying, blending and pressing phases of wood during the OSB process.

Ainsworth is already improving their manufacturing process, on a continuous basis, to reduce their resin use. Resins are a costly raw material for the facility. This is achieved through tweaking press recipes, dilution (with water) and substitution (better resins). 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.

PLAN SUMMARY STATEMENT

This plan summary accurately reflects the content of the toxic substance reduction plan for Formaldehyde prepared on behalf of Ainsworth Engineered., dated February 1, 2013.

DESCRIPTION OF SUBSTANCE

Formaldehyde is contained in trace amounts in resins to create OSB panels. In addition, it is created and released during manufacturing (the drying, blending and pressing phases of wood in the OSB process).

CERTIFICATION OF HIGHEST RANKING EMPLOYEE

As of February 1, 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 (except for the plan submission by Dec 31, 2012).

50-00-0 Formaldehyde



Jordain Rheault
Site Manager

CERTIFICATION OF LICENSED PLANNER

As of February 1, 2013, I, Tony van der Vooren certify that I am familiar with the processes at the Ainsworth Engineered 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 February 1, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act (except for the plan submission by Dec 31, 2012).

50-00-0 Formaldehyde



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