
Toxics Reduction Plan - Summary

**Manganese
(and its compounds)
CAS # - NA**

Prepared for:
CertainTeed Corp Insulation Canada
3589 Belgreen Drive West
Ottawa, Ontario
K1G 3N2

Prepared by:
Airzone One Ltd.
222 Matheson Blvd E
Mississauga, ON
L4Z 1X1

1.0 Introduction

1.1 *General Information*

The facility is located at 3589 Belgreen Drive West. This plan is for manganese and its compounds (CAS# - NA)

The facility manufactures glass fibre insulation. Manganese dioxide is added as a minor ingredient to the batch formula. It helps to control redox in glass melt.

Table 1-1 - General Facility Information

NPRI Number	1857
O Reg 127/01 Number	N/A
Number of full time employee equivalents	128
NAICS Code (2 digit)	31-33 - Manufacturing
NAICS Code (4 digit)	3252 - Resin, Synthetic Rubber and Artificial and Synthetic Fibres and Filaments Manufacturing
NAICS Code (6 digit)	327990 - All Other Non-Metallic Mineral Product Manufacturing
UTM Coordinates	18 T 453129 m E 5025444 m N
Company Legal Name	CertainTeed Corp Insulation Group
Company Trade Name	CertainTeed Corp Insulation Group

1.2. Plan Contacts

Public Contact Mario Fowler EHS Manager Tel: 613-736-1215 ext 261 Fax: 613-736-1150 Email: mario.fowler@saint-gobain.com
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2.0 Facility's Intent, Objectives and Targets

2.1. *Use*

The act requires that a facility include a statement of intent to reduce the use of the prescribed toxic substance. If the facility does not provide a statement of intent it must provide a reason why it does not intend or why it is not possible to reduce the use of the toxic substance. In addition to this, the facility is required to provide a list of objectives.

Statement of intent:

The facility intends to further study new storage solutions and suppliers to decrease the risk of spills during storage and handling of raw materials.

Reason why the facility does not have a statement of intent: (if applicable)

N/A

Objectives: (a list of objectives to reduce if any)

The facility intends to study keep track of industry standards and explore new available methods of toxic reduction.

Quantity Target: (if any) No target

Target Timeline: No timeline

Reason why toxic substance is used at the facility:

For on-site use/ processing.

Manganese dioxide is a component in the formulation of the product that aids in the glass melting process.

2.2. Creation

The act requires that a facility include a statement of intent to reduce the creation of the prescribed toxic substance. If the facility does not provide a statement of intent it must provide a reason why it does not intend or why it is not possible to reduce the creation of the toxic substance.

Statement of intent:

The facility does not have a statement of intent.

Reason why the facility does not have a statement of intent:

The facility does not create the subject substances at the facility; therefore it is not required to provide a statement of intent on the creation of this substance.

Objectives: N/A

Quantity Target: N/A

Target Timeline: N/A

Reason why toxic substance is used at the facility: N/A.

3.0 Facility's Goals

The facility has already implemented many strategies in the past to reduce the use of manganese (and its compounds) in the past. At this time there are no other options available that are technically and economically feasible.

4.0 Facility TRA Plan (info)

This plan summary is accurate, up to date and reflects the current facility version of the Toxic Reduction Plan.

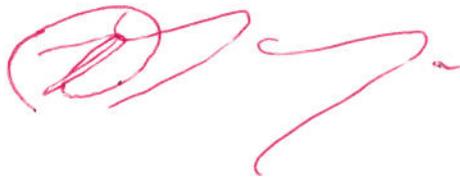
5.0 Signed Certification Statements

Certification by highest ranking employee

As of Dec 20, 2012 [date], I, Richard Young, 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.

Manganese (and its compounds)

Signed:

A handwritten signature in red ink, appearing to be 'R. Young', written over a circular stamp or mark.

Richard Young

CertainTeed Corp Insulation Group Canada

Certification by toxic substance reduction planner

As of Dec 19, 2012 [date], I, Franco DiGiovanni, certify that I am familiar with the processes at Saint-Gobain CertainTeed Corp Insulation Group 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 Dec 17, 2012 [version date] and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Manganese (and its compounds)

Signed:



Franco DiGiovanni

Airzone One Ltd.