

## 2012 Ontario Toxics Reduction Act Report to Employees and the Public

### Facility Information:

Company Name: Korzite Coatings Inc.  
Website: [www.korzite.com](http://www.korzite.com)  
Date of report: May 14, 2013  
NPRI ID: 1560  
O.Reg. 127 ID: 110500  
NAICS Code: 325510 – Paints and Coatings  
Number of Employees: 28  
Site Address: 7134 Wellington Road South  
Guelph, Ontario  
N1H 6N3

Latitude: 43.50450  
Longitude: -80.27020  
Technical Contact: Lloyd Lum Shue Chan – Technical Director  
(519) 821-1250  
[lloyd.lum@korzite.com](mailto:lloyd.lum@korzite.com)

Highest Ranking Employee: Stephen Cooke – President  
(519) 821-1250  
[stephen@everdry.ca](mailto:stephen@everdry.ca)

### Facility Description:

Korzite Coatings manufactures wide varieties of paints and coatings for contracting and industrial use. Products are either solvent or water based.

### Substances Information:

Substance Name	CAS Number	Primary Use In the Facility	Used	Created	Released (To Air)	Disposal	Transfer (Tonnes)	Contained In Product (Tonnes)
Xylene	1330-20-7	An ingredient of Paint formulations	100-1000 (Tonnes)	0	>1 to 10 (Tonnes)	0	>1 to 10 (Tonnes)	100-1000 (Tonnes)
Solvent Naphtha Light Aliphatic	64742-89-8	An ingredient of Paint formulations	50 to 200 (Tonnes)	0	> 1 to 10 (Tonnes)	0	> 0 to 1 (Tonnes)	50 to 200 (Tonnes)
Toluene	108-88-3	An ingredient of Paint formulations	>10 to 100 (Tonnes)	0	> 1 to 10 (Tonnes)	0	> 0 to 1 (Tonnes)	>10 to 100 (Tonnes)
Lead	7439-92-1	An ingredient of Paint formulations	>100 to 1000 Kg	0	> 1 to 10 Kg	0	> 1 to 10 Kg	> 100 to 1000 Kg
Acetone	67-64-1	An ingredient of Paint formulations	>10 to 100 (Tonnes)	0	> 1 to 10 (Tonnes)	0	> 1 to 10 (Tonnes)	>10 to 100 (Tonnes)

**Xylene, Solvent Naphtha Light Aliphatic, Toluene, Acetone and Lead** are fundamental raw materials in making certain solvent based paints or coatings. Each solvent plays a part in achieving certain specifications dictated by the customer. The balance of solvent mixture in a formula is very critical. Elimination or substitution of these solvents will require major reformulation for all our products.

### **What is Korzite doing to decrease the use of these substances?**

Korzite Coatings had been increasing its production of Hi solid products, water reducible, and water based paint, which had caused an indirect reduction of the use of Xylene

In addition, Korzite Coatings is involved at this time in complying with other environmental regulations and standards such as:

- VOC in Architectural and Industrial Maintenance Coatings (AIM)
- GS-11, Green seal standard for paints and coatings

Great concentration is on the technical efforts to ensure the best formulations are achieved for compliance and that they have the best performance to meet our customer's demands.

R&D in Technical Department is on the watch for evolving technologies and emerging green raw materials.

Continual testing and evaluation of prospect substitutes is ongoing practice at Korzite to reduce the use of Xylene and Solvent Naphtha Light Aliphatic

### **Summary of actions undertaken outside of the plan to reduce the use and creation of these toxic substances at the facility:**

Korzite Coatings Inc promotes an active Environmental Management System which seeks to minimise the Company's impact on the environment by:

- Examining reasons for waste generation on site and minimising waste removed from the site
- Identifying toxic substances used within the business and reducing or substituting whenever possible.
- Reviewing energy use within the businesses (including fuel) and, where practical, implementing change to reduce consumption.
- Reducing harmful emissions from manufacturing and storage activities on site by good housekeeping practices

- Purchasing goods and services that are manufactured, used and disposed of in an environmentally responsible way
- Establishing and implementing appropriate emergency procedures to deal with spills, leaks or other emergencies that may affect the environment.
- Ensuring that capital and replacement expenditures are evaluated against our goals listed above".

**CERTIFICATION BY LICENSED PLANNER**

As of May 14, 2013, I Mary Guirguis certify that I am familiar with the processes at Korzite Coatings Inc. 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 plan dated December 8, 2013 and that the plan complies with that act and Ontario Regulation 455/09 (General) made under that act.

**Xylene, CAS#: 1330-20-7**

**Solvent Naphtha Light Aliphatic, CAS#: 64742-89-8**

**Toluene, CAS#: 108-88-3**

**Acetone, CAS#: 67-64-1**

**Lead, CAS#: 7439-92-1**

**Mary Guirguis (Planner Licence #TSRP0161)**

**Typed "Electronic Signature"**

**Supervisor- HSE / Toxic Substance Reduction Planner**

**Korzite Coatings Inc.**

**CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of May 14, 2013, I Stephen Cooke, certify that I have read the Toxic substance reduction plan for the toxic substances referred to above and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 ( General) made under that Act.

**Stephen Cooke**  
**Typed “Electronic Signature”**  
**President**  
**Korzite Coatings Inc.**