



Toxic Reduction Plan Summary – Styrene Acetone  
Mr Marble - 59 Ortona Court, Concord ON L4K 3M2

## **TOXICS REDUCTION ACT PUBLIC ANNUAL REPORT CALENDAR YEAR 2016**

### **BASIC FACILITY INFORMATION**

**National Pollutant Release Inventory** 11473  
**Ontario MOE ID Number** 11118

**Number of Full-time Employees** 40

### **TOXIC REDUCTION PLAN SUMMARY for:**

**Styrene (CAS # 100-42-5) and Acetone (CAS # 67-64-1)**

### **Facility Identification**

**Facility Name** Mr. Marble

Mr Marble manufactures various cultured marble products for residential and commercial occupancies such as showers, baths, counters and vanities.

**UTM Spatial Coordinates (NAD83)** 621644.97 mE / lat: 43.81040  
4851832.20 mN / lon: -79.4882

**Facility Address** 59 Ortona Court, Concord ON L4K 3M2

### **Owner of the Facility Information**

**2 Digit NAICS** 32  
**4 Digit NAICS** 3252  
**6 Digit NAICS** 325210

**Phone Number** (905) 669-3877

**Fax Number** (905) 760-2395

**E-mail address** [info@MrMarble.com](mailto:info@MrMarble.com)

**Name** Simon Nanan

**Position** Plant Manager

**Address** 59 Ortona Court, Concord ON L4K 3M2



### **Operator of the Facility Information**

**Name** Simon Nanan  
**Phone Number** (905) 669-3877  
**Fax Number** (905) 760-2395  
**E-mail address** [info@MrMarble.com](mailto:info@MrMarble.com)  
**Position** Plant Manager  
Highest Ranking Employee the Facility Information  
**Name** Simon Nanan  
**Position** Plant Manager  
**Percentage of Facility Owned by Company** 100%

### **Parent Company Information**

**Legal Name of Parent Company** Mr. Marble  
**Address** 59 Ortona Court, Concord ON L4K 3M2  
**Business Number** 120466453

### **Plan Contact Information**

*Person Coordinating the Preparation of the Plan*

**Name** Mihaela Draghici  
**Position** Environmental Consultant  
**Address** 7-150 Jardin Drive, Concord, ON L4K 3P9  
**Phone Number** (905) 761-1786  
**Fax Number** (905) 761-6524  
**E-mail address** [mdraghici@envirovision-inc.com](mailto:mdraghici@envirovision-inc.com)

*Public Contact & Technical Contact*

**Name** Isabel Rodriguez  
**Position** Business Coordinator  
**Address** 59 Ortona Court, Concord ON L4K 3M2  
**Phone Number** (905) 669-3877  
**Fax Number** (905) 760-2395  
**E-mail address** [info@MrMarble.com](mailto:info@MrMarble.com)



## Planner Information

### TOXIC SUBSTANCES FOR WHICH FACILITY MUST PREPARE PLANS

**E-mail address** [mdraghici@envirovision-inc.com](mailto:mdraghici@envirovision-inc.com)

**Planner license Number:** TSRP0131

There are two Phase II toxic substances that require the development of a toxic substance reduction plan based on the criteria set out in the Toxics Reduction Act, 2009 and Ontario Regulation 455/09.

**Address** 7-150 Jardin Drive, Concord, ON L4K 3P9

**Phone Number** (905) 761-1786

**Fax Number** (905) 761-6524

*Planner Responsible for Certification*

**Name** Mihaela Draghici

**Position** Environmental Consultant

**Substance Name Chemical Abstracts Service (CAS) Registry Number**

Styrene 100-42-5

**Name** Mihaela Draghici

**Position** Environmental Consultant

**Address** 7-150 Jardin Drive, Concord, ON L4K 3P9

*Planner Responsible for Making Recommendations*

**Planner license Number:** TSRP0131

Acetone 67-64-1

**Phone Number** (905) 761-1786

**Fax Number** (905) 761-6524

**E-mail address** [mdraghici@envirovision-inc.com](mailto:mdraghici@envirovision-inc.com)

### STATEMENT OF INTENT TO REDUCE THE USE AND/OR CREATION OF STYRENE

**Targets:** Mr Marble intends to decrease the use of styrene using continuous improvement manufacturing process.



## DESCRIPTION OF WHY STYRENE IS USED AND/OR CREATED

Styrene is currently used by Mr. Marble in gelcoat and resin to manufacture cultured marble products. Styrene is not created at the facility.

## DESCRIPTION OF OPTIONS TO BE IMPLEMENTED - STYRENE

The following options have been identified for implementation to reduce the use and air releases of styrene:

- reduce percentage of styrene in gelcoat and resin
- reduce thickness of gelcoat and resin applied
- eliminate matrix wasted during pouring operations

## ESTIMATED REDUCTIONS FOR EACH OPTION SELECTED - STYRENE

### **Anticipated reductions from the implementation of reducing the percentage of styrene in gelcoat and resin**

Styrene is currently used by Mr. Marble in gelcoat and resin to manufacture cultured marble products. Styrene is not created at the facility.

**Statement of Intent:** Mr Marble is committed to playing a leadership role in protecting the environment. Wherever feasible, we will reduce the use of styrene in full compliance with all federal and provincial regulations. Styrene is not created at the facility. Our employees are encouraged to participate in all types of toxic substance reduction activities. Toxic substance reduction will be an ongoing effort at Mr Marble, and we will continue to monitor technological advancements to ensure that options that are both technologically and financially viable are implemented at our facility.

**Objective:** All employees at Mr Marble will be involved in the reduction of toxic substance use and releases. Our goal is to reduce the use of styrene where technically and economically feasible by the timetable noted in the plan. We will achieve these reductions through materials substitution, product design, and employee training and education.

Reduction 10.00 %

### **Anticipated reductions from the implementation of reducing the thickness of gelcoat and resin applied**

Reduction 1.00 %



### **Anticipated reductions from the implementation of eliminating the matrix wasted during pouring operations**

Reduction 0.25%

### **DESCRIPTION OF WHY ACETONE IS USED AND/OR CREATED**

Acetone is currently used by Mr. Marble as a cleaning equipment solvent. Acetone is not created at the facility.

### **DESCRIPTION OF OPTIONS TO BE IMPLEMENTED - ACETONE**

**Statement of Intent:** Mr Marble is committed to playing a leadership role in protecting the environment. Wherever feasible, we will reduce the use of acetone in full compliance with all federal and provincial regulations. Acetone is not created at the facility. Our employees are encouraged to participate in all types of toxic substance reduction activities. Toxic substance reduction will be an ongoing effort at Mr Marble, and we will continue to monitor technological advancements to ensure that options that are both technologically and financially viable are implemented at our facility.

**Objective:** All employees at Mr Marble will be involved in the reduction of toxic substance use and releases. Our goal is to reduce the use of acetone where technically and economically feasible by the timetable noted in the plan. We will achieve these reductions through equipment modification and employee training and education.

Acetone is currently used by Mr. Marble as a cleaning equipment solvent. Acetone is not created at the facility.

The following options have been identified for implementation to reduce the use and air releases of acetone:

- eliminate one cleaning compartment in both washing sinks.
- reduce size of solvent cleaning bottles in the finishing process

### **ESTIMATED REDUCTIONS FOR EACH OPTION SELECTED – ACETONE**

#### **Anticipated reductions from the implementation of eliminating one cleaning compartment in both washing sinks**

Reduction 5.00 %



**Anticipated reductions from the implementation of reducing size of solvent cleaning bottles in the finishing process**

Reduction 0.5 %

**BY HIGHEST RANKING EMPLOYEE**

As of November 20, 2013, I, Simon Nanan, 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.

Simon Nanan  
Plant Manager  
Mr. Marble  
Highest Ranking Employee

**CERTIFICATION BY LICENSED PLANNER**

As of November 20, 2013, I, Mihaela Draghici certify that I am familiar with the processes at Mr Marble 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Mihaela Draghici  
Environmental Consultant  
Envirovision Inc.  
Toxic Substance Reduction Planner, TSRP0131