

## Honda of Canada Toxic Substance Reduction Plan Summary

### Facility Information

Facility NPRI ID number 397  
 O. Reg. 127/01 ID number 6172  
 Legal name of facility Honda of Canada Mfg.  
 Address of facility 4700 Industrial Parkway, Alliston, Ontario  
 Mailing address of facility P.O. Box 5000, Alliston, Ontario L9R 1A2  
 Full-time employees 4200  
 NAICS code for facility 36110  
 Facility public contact Ian MacRae, Environmental Group Leader, (705) 435-5561  
 Facility UTM coordinates 44.1470, -79.8470

### Plan Information

Substance	CAS RN	Description of Use/Creation	Statement of Intent
Ethylbenzene	100-41-4	Ethylbenzene is a component of solvent-borne paints and paint line purge. Ethylbenzene is not created at the facility.	In accordance with s. 4(1)6 of the Toxics Reduction Act, the facility does not intend to implement any options within the scope of the Act because reductions in the use or creation of these substances is expected to be achieved as a result of the facility's ongoing effort to reduce Volatile Organic Compound (VOC) emissions.
Methanol	67-56-1	More than 80% of the methanol used in the facility is used as a component of windshield washer fluid to test the washer fluid delivery system, a critical safety function. Methanol is also a component of solvent-borne paints and paint line purge. Methanol is not created at the facility.	
Toluene	108-88-3	Toluene is a component of solvent-borne paints. Toluene is not created at the facility.	
Xylene	1330-20-7	Xylene is a component of solvent-borne paints and paint line purge. Xylene is not created at the facility.	
Zinc	N/A	Approximately 98% of the zinc used at the facility is an anti-corrosion coating in the steel used to manufacture the vehicle body. The steel specification is a global corporate standard developed to ensure product quality and consumer safety and is outside the facility control. Zinc is not created at the facility.	In accordance with s. 4(1)6 of the Toxics Reduction Act, the facility does not have any planned reduction activities because none of the options identified as technically and economically feasible would result in significant reduction.
Hydrochloric acid	7647-01-0	Hydrochloric acid is used in the water conditioning system in a paint shop. It is also a component of a product used to descale the paint pretreat system. This substance is not created at the facility.	In accordance with s. 4(1)6 of the Toxics Reduction Act, the facility does not have any planned reduction opportunities because none of the options identified were both technically and economically feasible.

Summary            The plan summary accurately reflects the plans for the substances listed above.

Planner Who Provided Recommendations & Certifying Planner: TSRP0164

#### Additional Information

The facility achieved ISO 14001 certification of its Environmental Management System in 1998. Volatile organic compounds were identified as a significant environmental aspect. The facility sets annual targets for reduction of VOC emissions through activities such as equipment replacement, process modification, and paint line purge management. The facility also has programs and procedures in place to prevent spills and leaks and ensure ongoing operator training. The facility has investigated substitutions for the listed VOC, but alternatives are either listed chemicals or are not economically feasible. Where possible, water-borne paint technology is used.

Highlights of Honda's environmental program are available in the Honda North American Environmental report:  
<http://corporate.honda.com/environment/2012-report>

**Reg 455/09 Listed Substance Reduction Plan for Honda of Canada Mfg.**

**Certification of Plan (S. 19)**

As of December 14, 2012, I, Dan Smith, 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 the Act.

Ethylbenzene  
Hydrochloric acid  
Methanol  
Toluene  
Xylene  
Zinc

Signed Dan Smith *(original signature on file at facility)*  
Sr. Vice-President, Honda of Canada Mfg.

As of December 14, 2012, I, Maureen Ramsay, certify that I am familiar with the processes at Honda of Canada Mfg., 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.

	Plan Date
Ethylbenzene	December, 2012
Hydrochloric acid	December, 2012
Methanol	December, 2012
Toluene	December, 2012
Xylene	December, 2012
Zinc	December, 2012

Signed Maureen Ramsay *(original signature on file at facility)*  
TSRP0164