Summary Letter as required under Toxics Reduction Act and Ontario Regulation 455/09

Crosslink Technology Inc.

NPRI ID: 10665
6380 Viscount Road
Mississauga, ON L4V 1H3
Canada
Number of employees: 30

Contact Information:

John Ulcar
Position: Director
Phone: (905) 673-0510
Email: ulcarj@crosslinktech.com

Geographical Coordinates:

Latitude: 43.69370
Longitude: -79.62400
Datum: 1983

Standard Industrial Classifications:

- NAICS 2 Code: 31-33 - Manufacturing
- NAICS 4 Code: 3259 - Other Chemical Product Manufacturing
- NAICS 6 Code: 325991 - Custom Compounding of Purchased Resins

2017 Substance Information (kilograms)

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>CAS Number</th>
<th>Amount Entering Process</th>
<th>Amount Created</th>
<th>Amount Released to Air</th>
<th>Amount Disposed</th>
<th>Amount Recycled</th>
<th>Amount Contained in Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercury</td>
<td>NA - 10</td>
<td>10 to 100</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>10 to 100</td>
</tr>
</tbody>
</table>

For comparison purposes, the following table provides a summary of the 2017 and 2018 TRA Accounting values.
### Comparison of 2017 to 2018 Reportable TRA Substances (kilograms)

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>Year</th>
<th>Amount Entering Process</th>
<th>Amount Created</th>
<th>Amount Released to Air</th>
<th>Amount Off-Site Disposal</th>
<th>Amount Off-Site Recycling</th>
<th>Amount Contained in Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercury NA - 10</td>
<td>2017</td>
<td>10 to 100</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>10 to 100</td>
</tr>
<tr>
<td></td>
<td>2018</td>
<td>10 to 100</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>10 to 100</td>
</tr>
<tr>
<td>Change in % and Tonnes</td>
<td></td>
<td>Increase of 17.4% or 4.1 kilograms</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Increase of 17.4% or 4.1 kilograms</td>
</tr>
<tr>
<td>Rationale</td>
<td></td>
<td>Successful implementation of substituted catalyst</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Successful implementation of substituted catalyst</td>
</tr>
</tbody>
</table>

In addition to the efforts made in 2014 and 2015, in 2016, Crosslink further developed new mercury substitutes with better stability. Later in 2016 the facility was successful in implementing the new catalyst, representing a 50% reduction in mercury required. In 2017, Crosslink continued to substitute existing customers with the new non-mercury catalyst and all new products are formulated with non-mercury catalysts. In 2018, Crosslink completed conversions of 65 of 85 formulations containing the mercury catalyst. The other 20 formulations should be reformulated by December 2019. This represents 95% of Crosslink's mercury usage. As of June 2019 Crosslink had completed approvals with 75% of their customers. Crosslink expects to have conversion of the remaining 25% by July 2019. However, Crosslink experienced an increase in orders from current customers compared to previous years, and although they have converted customers away from the mercury formulations, customers have only recently started to purchase the mercury-free products.

### Certification

As of May 31, 2019, I, John Ulcar, certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to above and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Signed May 31, 2019. Original signature is on file at the facility.

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**John Ulcar**  
Director  
Crosslink Technology Inc.