Material Safety Data Sheet

Section 1: Product and Company Identification Information
1. Product Name: Light Weight Banner Vinyl (LBV2)
2. Use: Solvent inkjet media
3. Company Information: Roland DGA Corporation, 15363 Barranca Parkway, Irvine, CA 92618

Section 2: Composition/Information of Ingredients

<table>
<thead>
<tr>
<th>Components – Chemical Name</th>
<th>Wt %</th>
<th>Case Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly Ethylene Terephthalate</td>
<td>31.8</td>
<td>25038-59-9</td>
</tr>
<tr>
<td>Poly Vinyl Chloride</td>
<td>34.6</td>
<td>9002-86-2</td>
</tr>
<tr>
<td>Di Octyl Phthalate</td>
<td>19.0</td>
<td>117-86-2</td>
</tr>
<tr>
<td>Calcium Carbonate (limestone)</td>
<td>6.9</td>
<td>1317-65-3</td>
</tr>
<tr>
<td>Bariun Zinc</td>
<td>1.2</td>
<td>007440-39-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>007440-66-6</td>
</tr>
<tr>
<td>2-Hydroxy-4-Benzophenone</td>
<td>.2</td>
<td>1843-05-6</td>
</tr>
<tr>
<td>Antimony Trioxide</td>
<td>2.8</td>
<td>1309-64-4</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>3.5</td>
<td>13463-67-7</td>
</tr>
</tbody>
</table>

Section 3: Physical/Chemical Characteristics
Boiling Points: Not applicable
Specific Gravity: No data
Vapor Pressure: Not applicable
Melting Points: No data
Vapor Density: Not applicable
Evaporation Rate: No data
Solubility in Water: No data
Water Reactive: Not applicable

Section 4: Fire and Explosion Hazard Data
Flash Points and Method Used: No data
Auto-Ignition Temperature: No data
Extinguishing Media: Water, powder, carbonic acid gas, foam, dry sand
Special Fire-Fighting Procedures: Use something like a foam fire extinguisher in the event of a large fire.
Unusual Fire and Explosion hazards: None

Section 5: Reactivity Hazard Data
Stability: Stable
Hazardous Decomposition Products: Will not decompose
Hazardous Polymerization: Will not occur

Section 6: Health Hazard Data
Primary Routes of Entry
Inhalation: Not applicable
Skin Absorption: Not applicable
Ingestion: Not applicable
Not Hazardous

Health Hazards
Acute: No
Chronic: No

Signs and Symptoms of Exposure: Not applicable
Medical Conditions General Aggravated by Exposure: Not applicable

First Aid Procedures
Eye Contact: No special treatment recommended.
Skin Contact: No special treatment recommended.
Inhalation: No special treatment recommended.
Ingestion: Seek medical attention if necessary.

Section 7: Control and Protective Measures
Respiratory Protection: Not necessary
Protective Gloves: Not necessary
Eye Protection: Not necessary

Ventilation to be used: Local ventilation

Other Protective Clothing and Equipment: Not necessary

Hygienic Work Practices: Not applicable

Section 8: Control and Protective Measures
Steps to be taken if material is spilled or released: Not applicable
Waste disposal methods: Dispose in accordance with local laws.
Storage and handling precautions: Avoid high temperature and high humidity. Not to be stored in direct sunlight.
Other precaution or special hazards: Stimulative gas released when burned such as CO.

Section 7: Other Information
Issue Date: 6/1/12

The information in this Material Safety Data Sheet (MSDS) is believed to be correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is subject to revision as additional knowledge and experience is gained. Roland DGA does not warrant the completeness or accuracy or the information contained herein.