1.) Identification of the Mixture and of the Company

Product identifier: Crown Vinyl Strippable Coating - Aerosol

Product name: 8040 Vinyl Strippable Coating

Relevant identified uses of the substance: Provides ideal protection for precision tools, components, dies, casting, baked enamel surfaces, high-polish critical surfaces such as mirrors, lenses, stainless steel, anodized aluminum, and chrome.

Uses advised against: Not recommended for use over air-dried paint. Not recommended for plastics or for any other type substrate in which ketones could cause a solvent on the material to be coated.

CAS No.: Not Applicable (mixture)
Manufacturer/Supplier: Aervoe Industries Incorporated
Street address/P.O. Box: 1100 Mark Circle
Country ID/Postcode/Place: Gardnerville, Nevada 89410
Telephone number: 001 (0) 1-775-782-0100
e-mail: mailbox@aervoe.com
National contact: Aervoe industries Incorporated
For Product Information: 001 (0) 1-800-227-0196
Emergency telephone number: 001 (0) 1-800-424-9300 (CHEMTREC – 24 hrs)

2. Hazards identification

This product does not meet the criteria for classification according to Directive 1999/45/EC

Potential health effects: See Section 11
Primary routes of entry: Inhalation, Skin, Eyes, Ingestion

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS Number</th>
<th>EINECS Number</th>
<th>Weight Percent</th>
<th>Risk and Safety Phrases</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon Propellant</td>
<td>68476-86-8</td>
<td>270-705-8</td>
<td>10-30%</td>
<td>R12, R45, R46, S45, S53</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>78-93-3</td>
<td>201-159-0</td>
<td>40-70%</td>
<td>R11, R36, R66, R67</td>
<td></td>
</tr>
</tbody>
</table>

For full text of R&S- phrases: see section 16.

R Code Summation: R11, R12, R36, R45, R46, R65, R66, R67
S Code Summation: S2, S9, S16, S45, S53

4.) First Aid Measures

General Advice: If symptoms persist, always call a doctor.
Inhalation First Aid: Remove victim to fresh air and provide oxygen if breathing is difficult. If not breathing, give artificial respiration, preferably
mixture. Get medical attention immediately.

**Skin Contact First Aid:** Wash with soap and water. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse.

**Eye Contact First Aid:** If contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. Get medical attention immediately.

**Ingestion First Aid:** If swallowed, wash out mouth with water provided the person is conscious. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### 5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Flammable Properties:</th>
<th>Aerosol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point:</td>
<td>&lt;0° F (-18° C)</td>
</tr>
<tr>
<td>Auto Ignition Temperature:</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**Flammable Limits in Air:**

| % by Volume: | LEL: 1.8% | UEL: 11.5% |

**Suitable extinguishing media:** Carbon dioxide, dry chemical, water spray.

**Unsuitable extinguishing media:** None known

**Special hazards arising from the substance or mixture:** None known

**Hazardous combustion products:** Carbon dioxide, Carbon monoxide

**Fire & Explosion Hazards:** Closed Containers may rupture due to the buildup of pressure from extreme temperatures.

Advice for fire-fighters: Use water spray to cool containers exposed to heat or fire to prevent pressure build up. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### 6. Accidental Release Measures

**PERSONAL PRECAUTIONARY MEASURES:**

1. Follow personal protective equipment recommendations found in section 8.
2. Maintain adequate ventilation.

**SPILL CLEAN-UP PROCEDURES:**

1. Evacuate unprotected personnel from the area.
2. Remove sources of ignition if safe to do so.
3. Pickup spilled materials using non-sparking tools and place in an appropriate container for disposal.
4. Contain spill to prevent material from entering sewage or ground water systems.
5. Always dispose of waste materials in accordance with all EU, National and Local Regulations.

### 7. Handling and Storage
Flammable Aerosol, use in a well ventilated area.
Do not use near sources of ignition.
Store out of direct sunlight.
Storage Temperature: 50° to 120°F (10° to 49°C)
Do not to eat, drink and smoke while working with this material.
Wash hands after use.

8. Exposure Controls / Personal Protection

Appropriate engineering controls:
Ensure adequate ventilation. A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits.
Keep away from sources of ignition.
Take precautionary measures against static discharge.

Personal Protection:
Eye & face protection devices such as safety glasses, safety goggles or face shield are recommended.

Skin Protection
Wear the appropriate protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection:
Use only in an adequately ventilated area. For unknown vapor concentrations use a positive-pressure, pressure-demand, self-contained breathing apparatus (SCBA).

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>CAS Number</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon Propellant</td>
<td>68476-86-8</td>
<td>N/AV</td>
<td>N/AV</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>78-93-3</td>
<td>200</td>
<td>300</td>
</tr>
</tbody>
</table>

9. Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue color</td>
</tr>
<tr>
<td>Odor</td>
<td>Ketone</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>N/AV</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/AV</td>
</tr>
<tr>
<td>Initial Boiling Point</td>
<td>N/AV</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&lt;0°F (-18°C)</td>
</tr>
<tr>
<td>Flammability Solid/Gas</td>
<td>Flammable gas</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/AV</td>
</tr>
<tr>
<td>Relative Density</td>
<td>N/AV</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>n-octanol/ water: N/AV</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>N/AV</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>N/AV</td>
</tr>
<tr>
<td>Odor</td>
<td>Ketone</td>
</tr>
<tr>
<td>pH</td>
<td>Not Applicable (solvent Base)</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>N/AV</td>
</tr>
<tr>
<td>Boiling Point Range</td>
<td>N/AV</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Slower than ether</td>
</tr>
<tr>
<td>Upper LEL</td>
<td>1.8%</td>
</tr>
<tr>
<td>Lower LEL</td>
<td>11.5%</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Heavier Than Air</td>
</tr>
<tr>
<td>Solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>N/AV</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/AV</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>N/AV</td>
</tr>
</tbody>
</table>
10. Stability & Reactivity

Possibility of hazardous reactions: Hazardous polymerization will not occur under normal conditions
Conditions to avoid: Heat and ignition sources
Incompatible materials: Strong Oxidizing Agents
Hazardous decomposition products: Will not occur

11. Toxicological Information

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart and blood

12. Ecological Information

Toxicity: No Data Available
Persistence and degradability: No Data Available
Bioaccumulative potential: No Data Available
Mobility in soil: No Data Available
Results of PBT and vPvB assessment: No Data Available
Other adverse effects: No Data Available

13. Disposal Considerations

Waste Disposal: Dispose of material in accordance with EU, national and local requirements. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permitted under applicable rules, regulations and/or laws governing your location.

Product / Packaging disposal: Dispose of packaging in accordance with federal, state and local requirements, regulations and/or laws governing your location.

14. Transportation Information

**US DOT**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
<th>Marine Pollutant</th>
<th>Special Provisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1950</td>
<td>Aerosols</td>
<td>2.1</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**IMDG**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
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</tr>
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<td>UN1950</td>
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<td>Not Applicable</td>
</tr>
</tbody>
</table>

**IATA:**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
<th>Marine Pollutant</th>
<th>Special Provisions</th>
</tr>
</thead>
</table>

| UN1950 | Aerosols | 2.1 | Not Applicable | Not Applicable | Not Applicable |

### 15. Regulatory Information

**Workplace classification:**
This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). The Occupational Safety and Health Administration's interpretation of the product's hazard to workers.

**SARA Title 3:**
Section 311/312 Categorizations (40 CFR 372): This product is a hazardous chemical under 29 CFR 1910.1200, and is categorized as an immediate and delayed health, and flammability physical hazard. Superfund Amendment and Reauthorization Act (SARA) category. SARA requires reporting any spill of any hazardous substance.

**WHMIS:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the (M)SDS contains all of the information required by the CPR.

**TSCA status:** All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

**PROP 65 (CA):** Warning: This product may contain chemicals know to the state of California to cause cancer, birth defects or other reproductive harm.

### 16. Other Information

List of relevant Risk and Safety phrases:

**R Phrases:**
- R11: Highly flammable
- R12: Extremely flammable
- R36: Irritating to eyes
- R45: May cause cancer
- R46: May cause heritable genetic damage
- R65: Harmful may cause lung damage if swallowed
- R66: Vapours may cause drowsiness and dizziness
- R67: Possible risk of irreversible effects

**S Phrases:**
- S2: Keep out of the reach of children
- S9: Keep container in a well-ventilated place
- S16: Keep away from sources of ignition - No smoking
- S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
- S53: Avoid exposure - obtain special instructions before use

**National Fire Protection Association (NFPA) ratings**
Health = 2 Flammability = 4 Reactivity = 1
Material Safety Data Sheet


This SDS has been completed in accordance with Regulation (EC) No. 1907/2006

Date of Preparation/Revision: 4/4/2014
Supersedes: (11/30/2010)

To the best of our knowledge, the information contained herein is believed to be accurate. However, the above data does not imply any guarantee or warranty of any kind, expressed or implied. The final determination of the suitability of any material is the sole responsibility of the user. All materials made present un-known hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards existing.