**MATERIAL SAFETY DATA SHEET**


Form approved OMB No. 1218-0072

OSHA 174 - Sept 1985

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**IDENTITY:**

- **HIGH GLOSS**
- **TM-3165**

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**Section I**

<table>
<thead>
<tr>
<th>Manufacturer's Name</th>
<th>Aerosol Systems, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>9150 Valley View Road</td>
</tr>
<tr>
<td></td>
<td>Macedonia, OH 44056</td>
</tr>
</tbody>
</table>

**Emergency Telephone Number**

(216) 467-4195

**Telephone Number for Information**

(216) 467-4195

**Date Prepared**

12/19/89

- Marketers name must be used above per OSHA
- Signature of Preparer (optional)

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**Section II - Hazardous Ingredients/Identity Information**

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity, Common Names(a))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>STEL</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Toluene (108-88-3)</td>
<td>200</td>
<td>100</td>
<td>150</td>
<td>47</td>
</tr>
<tr>
<td>Diacetone Alcohol (123-42-2)</td>
<td>50</td>
<td>50</td>
<td>not available</td>
<td>2</td>
</tr>
<tr>
<td>* 1,1,1 Trichloroethane (71-55-6)</td>
<td>350</td>
<td>350</td>
<td>450.</td>
<td>10</td>
</tr>
<tr>
<td>* Xylene (1330-20-7)</td>
<td>100</td>
<td>100</td>
<td>150</td>
<td>6</td>
</tr>
<tr>
<td>Propane/Isobutane (74-98-6)</td>
<td>1000</td>
<td>1000</td>
<td>asphyxiant</td>
<td>23</td>
</tr>
<tr>
<td>Non hazardous</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- The acceptable ceiling concentration for toluene is 300 ppm. Acceptable maximum peak above the acceptable ceiling concentration for an 8 hour shift is 500 ppm for 10 minutes for toluene.

(SEE ATTACHED SHEET FOR STATEMENT.)

DOT SHIPPING - Consumer Commodity ORM-D

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**Section III - Physical/Chemical Characteristics**

<table>
<thead>
<tr>
<th>Boiling Point Range</th>
<th>Specific Gravity (H₂O = 1)</th>
<th>Melting Point</th>
<th>Liquid</th>
<th>Evaporation Rate (Butyl Acetate = 1)</th>
<th>Solubility in Water</th>
<th>Appearance and Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>-20°F to 289°F</td>
<td>0.8</td>
<td>NA</td>
<td>Liquid</td>
<td>1</td>
<td>NONE</td>
<td>CLEAR/SOLVENT ODOR</td>
</tr>
</tbody>
</table>

**Special Fire Fighting Procedures**

- Use water fog, dry chemical or carbon dioxide
- Aerosol cans may rupture when heated
- Heated cans may burst

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**Section IV - Fire and Explosion Hazard Data**

- Flash Point (Method Used) -40°F T.C.C.

<table>
<thead>
<tr>
<th>Flammable Limits</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>-40°F T.C.C.</td>
<td>1.8</td>
<td>12.0</td>
</tr>
</tbody>
</table>

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**Disposal**

- None
- None

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**Handling and Storage**

- Keep container tightly closed
- Do not use equipment that generates an electrical spark
- No smoking

**Spills and Discharges**

- Clean up spills and discharges immediately
- Do not allow spills to enter sewers or surface waters

**Exposure Controls**

- Use the type of personal protective equipment that is appropriate for the task being performed

**Other Hazards**

- None

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**NFPA Rating**

- Health: 2
- Flammability: 4
- Reactivity: 0
Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td></td>
</tr>
<tr>
<td>Stable</td>
<td>X High Temperatures</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)
The above solvents are incompatible with strong oxidizers. Not compatible with active metals.

Hazardous Decomposition or Byproducts
In fire will decompose to water, carbon dioxide, halogen acids and phosgene.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>May Occur</td>
<td></td>
</tr>
<tr>
<td>Will not Occur</td>
<td>X None</td>
</tr>
</tbody>
</table>

Section VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)
May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin.
Effects are reversible. Long term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

Carcinogenicity:
NTP? Presently not on any list
IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure
Inhalation - Difficulty in breathing. Skin-redness, Ingestion-vomiting.

Medical Conditions
Generally Aggravated by Exposure: Heart Disease, Respiratory Disorders.

Emergency and First Aid Procedures
Give oxygen - Do not induce vomiting - Gastric lavage - Wash eyes and skin with water.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:
Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method
Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be Taken in Handling and Storing
Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.

Other Precautions
When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

Section VIII - Control Measures

Respiratory Protection (Specify Type)
Self contained breathing apparatus if above TLV limit exceeding.

Ventilation
Local Exhaust: Yes
Mechanical (General): None

Special: None
Other: None

Protective Gloves
None required if spraying
Eye Protection: Wear eye protection

Other Protective Clothing or Equipment
Long sleeve and long pants
*All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.