MATERIAL SAFETY DATA SHEET
(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)
Form approved OMB No. 1218-0072
OSHA 174 - Sept. 1985

IDENTITY:

CLEAR MATTE
TH-1415E

Section I

Manufacturer's Name: Aerosol Systems, Inc.
Address: 9150 Valley View Road
Macedonia, OH 44056
Marketers name must be used above per OSHA

Emergency Telephone Number: (216) 467-4195
Telephone Number for Information: (216) 467-4195
Date Prepared: 1/26/90
Signature of Preparer (optional)

Section II: Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Names(s)) | OSHA PEL | ACGIH TLV | STEL | % (optional)
--- | --- | --- | --- | ---
*Zinc Stearate (555-05-1)
*1,1,1 TRICHLORETHANE (71-55-6)
*TOLUENE (108-88-3)
*XYLENE (1330-20-7)
DIACETONE ALCOHOL (123-42-2)
PROPANE/ISOBUTANE (74-98-6)
NON-HAZARDOUS

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 SARA TITLE III NOTIFICATION AND ADDITIONAL HEALTH DATA.

DOT SHIPPING: Consumer Commodity ORM-D

Section III: Physical/Chemical Characteristics

Boiling Point Range: -40°F to 285°F | Specific Gravity (H₂O = 1) | 0.8
Vapor Pressure PSIG @ 70°F | Melting Point | Liquid | NA
Vapor Density (AIR = 1) Heavier than Air | Evaporation Rate | (Butyl Acetate = 1) | >1
Solubility in Water | NIL |
Appearance and Odor CLEAR/SOLVENT ODOR

Section IV: Fire and Explosion Hazard Data

Flash Point (Method Used) -40°F T.C.C. | Flammable Limits | LEL: 1.8 | UEL: 12.0
Extinguishing Media Use water fog, dry chemical or carbon dioxide
Special Fire Fighting Procedures Aerosol cans may rupture when heated
Unusual Fire and Explosion Hazards Heated cans may burst
Section V - Reactivity Data

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

Hazardous Polymerization

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
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</table>

| Will not Occur | None |

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

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

Protective Gloves
None required if spraying

Eye Protection
Wear eye protection

Other Protective Clothing or Equipment
Long sleeve and long pants