Material Safety Data Sheet

FIR No.: 172367  
Level: 3  
Release Date: 2008-07-23

1. Product and Company Identification

Product Name: Interior Spray Paint
Product Code: See Attachment
Application: Automotive interior touch-up paint for use on plastic trim parts
Supplier: Ford Motor Company
Attention: MSDS Information, P.O. Box 1899
Dearborn, Michigan 48121
1-800-392-3673
Poison Control Center: 1-800-959-3673
CHEMTREC: U.S. and Canada: 1-800-424-9300
CHEMTREC: International: 1-703-527-3887

2. Composition/Information on Ingredients

This chemical product is a preparation.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Percent Concentration</th>
<th>Hazard Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHYL ETHER</td>
<td>115-10-6</td>
<td>40-50</td>
<td>HAZCOM RQ WHMIS 1</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>10-30</td>
<td>HAZCOM MOC-ALL RQ WHMIS 1</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td>78-93-3</td>
<td>10-30</td>
<td>HAZCOM RQ WHMIS 1 MOC-ALL</td>
</tr>
<tr>
<td>METHYL ISOBUTYL KETONE</td>
<td>108-10-1</td>
<td>5-10</td>
<td>CAA-HAP WHMIS 1 MOC-ALL RQ HAZCOM SARA 313</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>5-10</td>
<td>CAA-HAP RSMS D_ALL WHMIS 1 SARA 313 RQ HAZCOM MOC-ALL</td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>141-78-6</td>
<td>5-10</td>
<td>HAZCOM WHMIS 1 RQ</td>
</tr>
<tr>
<td>ISOBUTYL ALCOHOL</td>
<td>78-83-1</td>
<td>1-5</td>
<td>HAZCOM RQ</td>
</tr>
</tbody>
</table>
3. Hazards Identification

**WARNING**

Flammable liquid and vapor.

**Health:**

- May cause skin, eye and respiratory tract irritation.
- Contact with the liquid or cold equipment may cause frostbite.
- Overexposure may cause central nervous system depression.
- Extreme overexposure may result in unconsciousness and possibly death.
- Harmful or fatal if swallowed.

**Physical and Chemical Hazards:**

- Flammable aerosol
- Contents under pressure.
- Container may explode if heated.
- Vapor harmful.

**Environment:**

Material contains a chemical which is a Hazardous Air Pollutant (HAP), regulated by the United States Clean Air Act.

4. First-Aid Measures

**Inhalation:**

- If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air.
- If irritation persists, get medical attention.

**Skin Contact:**

- If irritation persists, get medical attention.
- Wash skin with soap and water.

**Eye Contact:**

- In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical attention.
- If irritation persists, get medical attention.

**Ingestion:**

- Do not give anything by mouth to an unconscious or convulsing person.
- If the material is swallowed, do not induce vomiting. Get immediate medical attention or advice -- give several glasses of water or milk.

**Most Important Symptoms Effects:**

- Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
- Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**Notes to a Physician:**

- If the affected person is not breathing, apply artificial respiration.
5. Fire-Fighting Measures

Extinguishing Media: Dry chemical, foam, carbon dioxide.

Specific Methods: Water may be an ineffective extinguishing medium.
Water may be used to cool exposed containers to prevent pressure build-up and explosion when exposed to extreme heat.

Specific Hazards: Pressurized Container: May explode when exposed to heat or flame.
Extremely dangerous fire and explosion hazard. Vapors may be ignited by flame, sparks or contact with any hot surface (light bulb or steam pipes) under normal atmospheric conditions. Forms explosive mixtures with air.
Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.
Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Protection of Firefighters: Fire fighters should be equipped with NIOSH-approved, self-contained breathing apparatus (SCBA) and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Avoid skin contact and inhalation of vapors during disposal of spills.
Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
Ventilate the contaminated area.

Environmental Precautions: No available information.

Methods for Cleaning Up: Absorb the spilled material with an inert absorbent (nonflammable) material.
When product is used to mitigate a hazardous material, the resultant material must be handled in the same fashion as the hazardous material.

7. Handling and Storage

Handling:

Technical Measures: Keep this product from heat, sparks, or open flame.

Precautions and Advice for Safe Handling: Avoid breathing vapor.
Avoid contact with skin, eyes and clothing.
Do not puncture the container.
Keep area ventilated. Do not smoke. Extinguish all flames, pilot lights, and heaters. Turn off stoves, electric tools and appliances, and any other sources of ignition.

Storage: Technical Measures: No special precautions.
## Storage Conditions:
Avoid prolonged exposure of the container to direct sunlight. Do not expose to heat or store at temperatures above 120F. Do not store near heat, spark or open flame. Keep the container tightly closed and in a cool, well-ventilated place. Keep away from children.

## 8. Exposure Controls/Personal Protection
### Engineering Measures:
General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment. Local ventilation is needed in the presence of airborne mists.

### Exposure Limits:
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TWA</th>
<th>STEL/C</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>500(ppm)</td>
<td>750(ppm)</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td>1000(ppm)</td>
<td>2400(ppm)</td>
<td>OSHA</td>
</tr>
<tr>
<td>ISOBUTYL ALCOHOL</td>
<td>100(ppm)</td>
<td>300(ppm)</td>
<td>OSHA</td>
</tr>
<tr>
<td></td>
<td>200(ppm)</td>
<td></td>
<td>ACGIH</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td>200(ppm)</td>
<td>590(ppm)</td>
<td>OSHA</td>
</tr>
<tr>
<td></td>
<td>50(ppm)</td>
<td>75(ppm)</td>
<td>ACGIH</td>
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<tr>
<td>METHYL ISOBUTYL KETONE</td>
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<td>410(ppm)</td>
<td>OSHA</td>
</tr>
<tr>
<td></td>
<td>50(ppm)</td>
<td></td>
<td>ACGIH</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>200(ppm)</td>
<td></td>
<td>OSHA</td>
</tr>
<tr>
<td></td>
<td>C 300(mg/m3)</td>
<td>400(ppm)</td>
<td>ACGIH</td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>400(ppm)</td>
<td>1400(ppm)</td>
<td>OSHA</td>
</tr>
<tr>
<td>XYLENE (ALL ISOMERS)</td>
<td>100(ppm)</td>
<td>150(ppm)</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td>100(ppm)</td>
<td>435(ppm)</td>
<td>OSHA</td>
</tr>
</tbody>
</table>
Personal Protective Equipment:

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4. Use appropriate dust/mist/fume respirator for operations involving sanding/grinding or welding/flame cutting.

Hand Protection: Use impervious gloves.

Eye Protection: Wear safety glasses with side shields. Wear chemical goggles.

Skin and Body Protection: Remove contaminated clothing and wash before reuse.

Hygiene Measures: Wash thoroughly after handling.

9. Physical and Chemical Properties

Specific Gravity: 0.8-1

Physical State: AEROSOL

Odor: ORGANIC SOLVENT

Color: VARIOUS COLORS

pH: N.AP

Temperature Range During which Changes in Physical State Occur:

Boiling Point: N.AV

Flash Point: -6.7 °C ASTM D93

Auto-ignition Temperature: N.AV

Explosion Properties:

UEL: N.AV

LEL: N.AV

Vapor Pressure: N.AV

Vapor Density: >1 (AIR=1)

Solubility: ND

Viscosity: <18 cSt

Evaporation Rate: >1
10. Stability and Reactivity

Stability: Hazardous polymerization will not occur. This is a stable material.

Conditions and Materials to Avoid: This product can react with oxidizing materials. This product may form explosive peroxides. This product reacts with acids.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
11. Toxicological Information

- **114-78-6** ETHYL ACETATE
  - Inhalation, adult rat, LC50 = 1600 ppm (8 Hours)
- **115-10-6** METHYL ETHER
  - Inhalation, adult rat, LC50 = 308 gm/m3
- **1330-20-7** XYLENE (ALL ISOMERS)
  - Inhalation, adult rat, LC50 = 5000 ppm (4 Hours)
- **108-10-1** METHYL ISOBUTYL KETONE
  - Inhalation, adult rat, LC50 = 8000 ppm (4 Hours)
- **78-93-3** METHYL ETHYL KETONE
  - Inhalation, mouse, LC50 = 40 gm/m3 (2 Hours)
- **108-88-3** TOLUENE
  - Inhalation, mouse, LC50 = 5320 ppm (8 Hours)
- **108-10-1** METHYL ISOBUTYL KETONE
  - Oral, adult rat, LD50 = 2080 mg/kg
- **78-83-1** ISOBUTYL ALCOHOL
  - Oral, adult rat, LD50 = 2460 mg/kg
- **78-93-3** METHYL ETHYL KETONE
  - Oral, adult rat, LD50 = 2737 mg/kg
- **1330-20-7** XYLENE (ALL ISOMERS)
  - Oral, adult rat, LD50 = 4300 mg/kg
- **108-88-3** TOLUENE
  - Oral, adult rat, LD50 = 5300 mg/kg
- **141-78-6** ETHYL ACETATE
  - Oral, adult rat, LD50 = 5620 mg/kg
- **67-64-1** ACETONE
  - Oral, adult rat, LD50 = 5800 mg/kg
- **108-88-3** TOLUENE
  - Skin, adult rabbit, LD50 = 12124 mg/kg
- **78-93-3** METHYL ETHYL KETONE
  - Skin, adult rabbit, LD50 = 13 gm/kg
- **67-64-1** ACETONE
  - Skin, adult rabbit, LD50 = 20 gm/kg
- **78-83-1** ISOBUTYL ALCOHOL
  - Skin, adult rabbit, LD50 = 3400 mg/kg

**Inhalation:**

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
12. Ecological Information

No specific aquatic data available for this product.

13. Disposal Considerations

Waste from Residues:
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.
Do not puncture or incinerate containers. Large number of aerosol containers may require handling as a hazardous waste. Consult local, state, federal, or provincial agency for proper disposal method in your area.

Contaminated Packaging:
No consideration given when disposed of according to local, state, and Federal regulations.
14. Transport Information

U.S. Department of Transportation (DOT) 49 - CFR 172.101

Proper Shipping Name: Aerosols
UN Number: UN1950
Hazard Class / Division: 2.1
Reportable Quantity (per packaging):

<table>
<thead>
<tr>
<th>CAS</th>
<th>RQ</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>22222</td>
<td>ACETONE</td>
</tr>
<tr>
<td>78-83-1</td>
<td>&gt;100000</td>
<td>ISOBUTYL ALCOHOL</td>
</tr>
<tr>
<td>78-93-3</td>
<td>42405</td>
<td>METHYL ETHYL KETONE</td>
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<tr>
<td>85-68-7</td>
<td>35714</td>
<td>BUTYL BENZYL PHTHALATE</td>
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<td>108-10-1</td>
<td>84962</td>
<td>METHYL ISOBUTYL KETONE</td>
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<td>108-88-3</td>
<td>14286</td>
<td>TOLUENE</td>
</tr>
<tr>
<td>141-78-6</td>
<td>85135</td>
<td>ETHYL ACETATE</td>
</tr>
</tbody>
</table>

Label: FLAMMABLE GAS

Canadian Transportation of Dangerous Goods (T.D.G.) - TDGR Schedule II

Proper Shipping Name: AEROSOLS
UN Number: UN1950
Hazard Class / Division: 2.1
Packing Group:

Label: FLAMMABLE GAS

Secretary of Communication and Transportation (SCT) - NOM-002-SCT2/1994 (Mexico)

Proper Shipping Name: AEROSOLES
UN Number: UN1950
Hazard Class/Division: 2.1
Label: FLAMMABLE GAS
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International and Domestic Air Transportation - ICAO & IATA Section 4.2

Proper Shipping Name: AEROSOLS, FLAMMABLE
UN Number: UN1950
Hazard Class/Division: 2.1
Label: FLAMMABLE GAS

International Water Transportation - IMDG Code Amendment 31-02

Proper Shipping Name: AEROSOLS
UN Number: UN1950
Hazard Class/Division: 2.1
Ems Number: 2-13
Label: FLAMMABLE GAS

15. Regulatory Information
California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer.
The components of this product are listed on the TSCA Inventory
This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
Material contains a chemical which is a Ford Motor Company Material of Concern. Use and release of this material should be minimized to the greatest extent possible.

16. Other Information
Key/Legend: N.AP = Not applicable; N.AV = Not available; ND = Not determined or No data; TLV = Threshold limit value; TWA = Time-weighted average; STEL = Short-term exposure limit; C = Ceiling limit

The following sections contain revisions OR NEW statements.

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Material Safety Data Sheet

Preparation Information:
The chemical identification and properties for this material were provided by the manufacturer. For Canadian locations, a manufacture's MSDS is available upon request. Health and safety information has been evaluated by the Occupational and Environmental Health Sciences Department, Ford Motor Company, Diagnostic Service Center II, 1800 Fairlane Drive, Allen Park, MI 48101, USA.

Disclaimer:
The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
### Attachment

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Container Size</th>
<th>Part of Kit</th>
<th>Kit Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM-19A274-AC (Obsolete)</td>
<td>1 Assortment Kit</td>
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<td></td>
</tr>
<tr>
<td>PM-19M547-XXXXH</td>
<td>6 oz (170 g)</td>
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