GARE SUPER GLOSS FINISH

GARE 77

IDENTITY

MARKETED NAME

DOT Shipping - Consumer Commodity ORM-D

MANUFACTURER'S NAME

Emergency Telephone Number
(216) 467-4195

ADDRESS

Telephone Number for Information
(216) 467-4195

DATE PREPARED

10/16/95

CHECKED

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

STEL

% (optional)

Ethyl Acetate (141-78-6)

400

400

- 

30-40

Toluene (108-88-3)

100

50 skin

150

10-20

Xylene (1330-20-7)

100

100

150

10-20

Hydrocarbon Resin (9011-11-4)

- 

10mg/m³

- 

1-10

Isobutyl Acetate (110-19-0)

150

150

167

1-10

Propane/Isobutane/Isopentane (74-93-6)

1000

1000

Asphyxiant

20-30

Acceptable ceiling concentration for toluene - 300 ppm, max peak above ceiling - 80 ppm, shift - 500 ppm.
Technical grade xylene contains 18-20% ethyl benzene (100-41-4) which has 100 ppm PEL, 100 ppm TLV, 125 ppm STEL, and is subject to the reporting requirements of Section 313 of SARA Title III.

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.

Section III - Physical/Chemical Characteristics

Boiling Point

Range

-142°F to

184°F

Specific Gravity (H₂O = 1)

0.8

Vapor Pressure PSIG at 70°F

63

Melting Point

PH

Liquid

NA

Vapor Density (Air=1)

4.0

Evaporation Rate

(butyl acetate=1)

>1

Solubility in Water

N/A

Appearance and Odor

Clear/Solvent

Section IV - Fire and Explosion Hazard Data

NFPA 30B Rating:

3

Flammable Limits

LEL 1.8

UEL 9.5

Extinguishing Media

Use water fog, dry chemical or carbon dioxide

Special Fire Fighting Procedures

Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

Unusual Fire and Explosion Hazards

Heated cans may burst

Section V - Reactivity Data

Stability

Unstable

Conditions to Avoid

High Temperatures

Stable

X

Compatibility (Materials to Avoid)

Incompatible with strong oxidizers, strong alkalies, strong acids

Hazardous Decomposition or Byproducts

In fire, will decompose to carbon dioxide, water.

Hazardous Polymerization

May Occur

Conditions to Avoid

None

Will not Occur

X

N/A
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>
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</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) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal. Eye irritation may be severe.

Overexposure to toluene may cause nasal and brain damage.
May cause cardiac abnormalities.
Ethyl acetate may cause anemia.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

See Section IX.

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
Never administer adrenalin following overexposure.
Give oxygen - Do not induce vomiting. Wash eyes and skin with water for 15 minutes. Get medical help.

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)
Use NIOSH approved respirator if TLV limit is exceeded.

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>None</td>
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</tbody>
</table>

<table>
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<tr>
<th>Protective Gloves</th>
<th>None required if spraying</th>
<th>Eye Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Wear eye protection</td>
</tr>
</tbody>
</table>

Other Protective Clothing or Equipment
Long sleeve and long pants

Work/Hygienic Practices: Do not smoke while using. Wash hands after use.

Section IX - Additional Information

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.