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

IDENTITY
GARE PORCELAIN TOUCH
TM 3932

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | STEL | % (optional)
---|---|---|---|---
*Toluene (108-88-3)* | 100 | 50 skin | 150 | 40-50
*Ethyl Acetate (141-78-6)* | 400 | 400 | - | 10-20
*Methyl Ethyl Ketone (78-93-3)* | 200 | 200 | 300 | 10-20
*Talc (14807-96-6)* | 2mg/m³ | 2mg/m³ | - | 1-10
*Amorphous Silica (63231-67-4)* | 5mg/m³ | 10mg/m³ | - | 1-10
*Propylene/Isobutane/m-Butane (74-98-6)* | 1000 | 1000 | - | -

Acceptable ceiling concentration for toluene - 300ppm max peak above ceiling - 8hr shift - 500ppm.

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

<table>
<thead>
<tr>
<th>Boiling Point Range</th>
<th>Specific Gravity (H₂O=1)</th>
<th>0.8</th>
</tr>
</thead>
<tbody>
<tr>
<td>-40°F to 232°F</td>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Pressure PSIG at 70°F</td>
<td>PH</td>
<td>Liquid</td>
</tr>
<tr>
<td>58</td>
<td>4.0</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>Evaporation Rate</td>
<td>Butyl Acetate=1</td>
</tr>
<tr>
<td>Heavier than Air</td>
<td>Appearance and Odor</td>
<td>Clorofy/Solvent</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section IV - Fire and Explosion Hazard Data | NFPA 30B Rating: 3

Flash Point (Method Used) | 142°F | TCC |
| LEL | 1.8 | UEL | 9.5 |
| Extinguishing Media | 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

 Compatibility (Materials to Avoid) | strong alkalies, strong mineral acids |
| Hazardous Decomposition or Byproducts | In fire, will decompose to carbon dioxide, water. |
| Hazardous Polymerization | May Occur | Conditions to Avoid |
| Will not Occur | X | None |

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### 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 delirium 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.**

Methyl Ethyl Ketone may cause embryotoxic effects in laboratory animals.

**Prolonged exposure to excessive quantities of toluene can result in scaring of the lungs (talcosis).**

**Cardioceniscy:** Presently not on any list. NTP? 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**

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 if 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>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mechanical (General)</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Protective Gloves**

None required if spraying.

Eye Protection

Wear eye protection.

**Other Protective Clothing or Equipment:**

Long sleeve and long pants.

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

### Section IX - Additional Information

**WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.