Handibond USA, Debonder

Section I

Manufacture’s Name
Handibond USA

Address (Number, Street, City, State and ZIP Code)
91-229 Wahine Omao Way
Ewa Beach, HI 96706

Emergency Telephone Number
1-866-688-3240

Telephone Number for Information
(808) 683-3240

Date Prepared
04/10/09

Signature of Preparer (Optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specify Chemical Identity: Common Name(s))

OSHA PEL  ACGIH TLV Other

Acetone 67-64-1 50-70
Propylene carbonate 108-32-7 30-50

NE = Not Established

Section III – Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>133-242 °F</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1)</td>
<td>0.87-0.95</td>
</tr>
<tr>
<td>Vapor Pressure (mmHg)</td>
<td>Not measured</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density (AIR=1)</td>
<td>2.0 – 3.52</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>40-82%</td>
</tr>
<tr>
<td>Appearance and Odor:</td>
<td>Clear liquid. Ketone.</td>
</tr>
</tbody>
</table>

Section IV – Fire and Explosion Hazard Data

Flammable Limits

<table>
<thead>
<tr>
<th>Component</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>2.5 %</td>
<td>12.8 %</td>
</tr>
<tr>
<td>Propylene carbonate</td>
<td>4.7 %</td>
<td>NA</td>
</tr>
</tbody>
</table>

Extinguishing Media:
CO2, foam, dry chemical.

Special Fire Fighting Procedures:
Self-contained breathing gear and protective clothing.

Unusual Fire and Explosion Hazards:
Direct water jet will spread burning material. Combustion products are toxic and irritating. Cool sealed drums with water spray to lessen chance of rupture.

Section V – Health Hazard Data

Threshold Limit Value:
Acetone: TWA 500PPM; STEL 1000PPM (ACGIH)

Effects of overexposure:
Ingestion: if significant quantity is ingested, can cause gastroenteric irritation, Narcosis and injury to the kidney.

Inhalation: vapor concentrations above 2,500 ppm may cause nausea, headache, dizziness, convulsions and coma.

Skin and eyes: causes skin and eye irritation.

Emergency and First Aid Procedures:
Ingestion: do not induce vomiting. Keep individual calm. Obtain emergency medical attention. Inhalation: Remove to fresh air (Oxygen or artificial respirator if needed). Obtain medical attention.

Skin: Wash with soap and water.

Eyes: Flush eyes with plenty of water for at least 15 minutes. Contact a physician.
Section VI – Reactivity Data

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

Incompatibility (Materials to avoid)
Strong oxidizers.

Hazardous Decomposition Products:
Combustion yields Carbon Monoxide and/or Carbon Dioxide.

<table>
<thead>
<tr>
<th>Hazardous</th>
<th>Polymerization</th>
<th>May occur</th>
<th>Conditions to Avoid:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Will not occur</td>
<td>X</td>
</tr>
</tbody>
</table>

Section VII – Spill or Leak Procedures
Steps to be taken in case material is to be released or spilled:
Eliminate all sources of ignition in the spill area. Permit only properly protected workers with skin and eye protection and self-contained breathing gear. Absorb small spills with absorbent material. Pump large spills into salvage tanks. Treat as hazardous waste.

Waste Disposal Method:
RCRA hazardous waste U002 and D001. Incinerate in accordance with EPA and local regulations.

Section VIII – Special Protective Information
Respiratory Protection (Specify Type)
Above TLV. NIOSH approved respirator.

Ventilation
Local Exhaust
Recommended
Special
None
Mechanical
Other
None

Protective Gloves:
Natural rubber or Neoprene gloves
Eye Protection:
Protective glasses recommended.

Other Protective Equipment:
Protective plastic or rubber apron.

Section IX – Special Precautions
Precautions to be taken in handling and storing:
Keep away from heat, sparks and flame. Store in a cool, dry place. Avoid contact with eyes. Avoid vapors.

Other Precautions:
Keep container closed when not in use. Keep in well, ventilated area.

Section X – Regulatory Information
All ingredients in this product are listed or exempt from listing on the TSCA inventory.
Estimated HMIS Code: Health Hazard (2) Fire Hazard (3) Reactivity (0)

Section XI – Transportation Information
DOT (49 CFR 172) UN#: 1090
Proper Shipping Name: Acetone Solution Packaging Group: II
Hazard Classification: 3 Hazard Label Required: Flammable Liquid

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Nothing herein shall be considered as recommending practices or products in violation of any patent, law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. WE MAKE NO WARRANTIES REGARDING THE PRODUCTS AND DISCLAIM ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.