MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS
(Approved by US Department of Labor Essentially Similar to Form OSHA 20)

Date Issued 11/28/05

SECTION I
MANUFACTURERS NAME
GARDNER ASPHALT CORPORATION

STREET ADDRESS
4161 E 7TH AVENUE

CITY, STATE, AND ZIP CODE
TAMPA, FL 33605

EMERGENCY TELEPHONE NUMBER
1-800-424-9300

PRODUCT CLASS
COLD PROCESS ADHESIVE/AKA /LAP CEMENT

TRADE NAME
BLACK JACK, GARDNER

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>PERCENT</th>
<th>TLV PPM</th>
<th>TLV Mg/M3</th>
<th>LEL</th>
<th>VAPOR PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETROLEUM ASPHALT</td>
<td>&lt;70%</td>
<td></td>
<td>0.5</td>
<td></td>
<td>Fume</td>
</tr>
<tr>
<td>CAS # - 8052-42-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>STOCCARD SOLVENT</td>
<td>&lt;30%</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>CAS # - 8052-41-3</td>
<td></td>
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<tr>
<td>CELLULOSIC FIBER</td>
<td>&lt;5%</td>
<td></td>
<td>10</td>
<td></td>
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</tr>
<tr>
<td>CAS # - 9004-34-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>KAOLIN CLAY</td>
<td>&lt;3%</td>
<td></td>
<td>10**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS # - 1332-58-7</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALCINED CLAY</td>
<td>&lt;3%</td>
<td></td>
<td>5.0</td>
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</tr>
<tr>
<td>CAS # - 66402-68-4</td>
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</tbody>
</table>

ADDITIONAL INFORMATION-
Hazardous Materials Identification System (HMIS)

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>0</td>
<td>C</td>
</tr>
</tbody>
</table>

SECTION III – PHYSICAL DATA

BOILING RANGE: 300 ºF - 390ºF

VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER, THAN AIR

EVAPORATION RATE ☒ FASTER ☐ SLOWER, THAN ETHER

PERCENT VOTILE BY VOLUME 20 %
WEIGHT PER GALLON BY VOLUME 8.7 LBS

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY - NR
FLASH POINT- 105ºF Minimum

EXTINGUISHING MEDIA- FOAM, & DRY CHEMICAL, CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS- KEEP AWAY FROM SOURCES OF IGNITION.

SPECIAL FIRE FIGHTING PROCEDURES- USE OF A SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIREFIGHTERS. WATER MAY CAUSE FROTHING, APPLY CAUTIOUSLY.
### SECTION V – REACTIVITY DATA

<table>
<thead>
<tr>
<th>STABILITY:</th>
<th>☑ UNSTABLE</th>
<th>✗ STABLE</th>
<th>CONDITIONS TO AVOID: SPARK, FLAMES, ELECTRICAL AND STATIC DISCHARGE.</th>
</tr>
</thead>
</table>

Incompatibility (Materials to Avoid): Strong Oxidizers, Acids,

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

Hazardous Polymerization: ☑ May Occur  ✗ Will Not Occur

Conditions to Avoid: None

### SECTION VI– HEALTH HAZARD DATA


**CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ).**

**WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Read and follow label directions and information given on Material Safety Data Sheets and use care when handling or using all petroleum products.


### SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Dike Spill Area, Recover Free Liquid. Add Absorbent to Spill Area. Remove Sources of Ignition. Wash and Ventilate Area.

Waste Disposal Method: Dispose in Accordance with Local, State or Federal Regulations.

### SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not Normally Required in Well-Ventilated Area. If TLV is Exceeded, a NIOSH/MSHA Approved Breathing Apparatus is Recommended.


Protective Gloves: Nitrile Rubber Gloves Should be Used.

Eye Protection: Safety Goggles Should be Used.

Other Protective Equipment: As Necessary

### SECTION IX – REGULATORY INFORMATION

Precautions to Be Taken in Handling and Storage: Store in Cool Dry Area.

Other Precautions: Keep Out of Reach of Children and Away From Sources of Ignition. Avoid Contact with Skin or Clothing. Keep Container Closed. Wash Thoroughly After Using.