MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled)    Silicon Carbide Abrasive Wheel

MANUFACTURER’S NAME:    Pearl Abrasive Company

Address (complete mailing address)                6832 E. Slauson Avenue
                                              Commerce, CA  90040

Phone number for additional Information:   (562) 927-5561

Date prepared or revised:     January 1, 2014

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Names</th>
<th>CAS Numbers Percent*</th>
<th>Exposure limits in air (give units)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER (SPECIFY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Carbide</td>
<td>409-21-2  40-50</td>
<td>10mg/m3 10mg/m3</td>
<td>NAIF</td>
<td>NAIF</td>
<td>________________</td>
</tr>
<tr>
<td>Resin</td>
<td>NAIF  15-60</td>
<td>NAIF NAIF</td>
<td>N.A.</td>
<td>N.A.</td>
<td>________________</td>
</tr>
<tr>
<td>Fiber Reinforcement</td>
<td>NAIF  1-7</td>
<td>NAIF NAIF</td>
<td>N.A.</td>
<td>N.A.</td>
<td>________________</td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1  1-5</td>
<td>10mg/m3 10mg/m3</td>
<td>NAIF</td>
<td>NAIF</td>
<td>________________</td>
</tr>
</tbody>
</table>

It should be noted that use of this product generates dust, particles and fumes both from this product and from the material being worked on. Safety precautions for this product and for the product being worked on should be reviewed and used.

III. PHYSICAL PROPERTIES

Vapor Density (air = 1)    N.A.       Melting point or range, °F       N.A.

Specific Gravity           Boiling point of range, °F       N.A.

Solubility Water           Negligible Evaporation rate (butyl acetate = 1) N.A.

Vapor Pressure, mmHg at 20°C N.A.

Appearance and Odor       No odor – color depends on specific product.

HOW TO DETECT THIS SUBSTANCE*  (warming properties of substance as a gas, vapor, Dust, or mist)

Product may give off a phenolic odor during use.

* Note a required category

NOTE:  all required categories should be addressed. If any item is not applicable, or no information is available, the space must be marked to indicate that.

This voluntary form is provided by CAL/OSHA to assist MSDS preparers and users. Any format may be used as long as it contains all the information.

NAIF – NO APPLICABLE INFORMATION FOUND

N.A. – NOT APPLICABLE
IV. FIRE AND EXPLOSION

Flash Point, °F (give method) N.A.
Auto ignition temperature, °F N.A.
Flammable limits in air, volume % lower level (LEL) N.A. Upper Level (UEL) N.A.
Fire extinguishing materials:

- xx water spray
- xx carbon dioxide
- xx foam
- xx dry chemical

Specific firefighting procedures: Wear self contained breathing apparatus.

Unusual fire and explosion hazards: None

V. HEALTH HAZARD INFO.

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Coughing may result with exposure to dust.
Contact with skin or eyes: Dust may cause Irritation of skin and eyes.
Absorbed through skin: N.A.
Swallowed: N.A.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. Explain in lay terms. Attach extra pages if more space is needed.

Acute: During use (grinding) coughing and shortness of breath may occur. May cause irritation to eyes.
Chronic: Repeated use (grinding) may affect breathing capacity.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Wash with large amounts of water. If Irritation persists, obtain first aid and medical assistance.
Skin Contact: Wash affected areas with soap and water.
Inhaled: Remove to fresh air.
Swallowed: N.A.

SUSPECTED CANCER AGENT?

- xx NO: This product’s Ingredients are not found in the lists below.

YES:
Federal OSHA NTP IARC

California employers using Cal/OSHA-registered carcinogens must register with Cal/OSHA. The Cal/OSHA and Federal OSHA carcinogen lists are similar.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Personnel with breathing difficulties, may experience increased shortness of breath.

VI. REACTIVITY DATA

Stability:     xx  stable          unstable

Conditions to avoid: None

Incompatibility (materials to avoid): None

Hazardous decomposition products (including combustion products):

During use, fire may generate CO, CO2, Nox and other toxic gases

Hazardous Polymerization:      May occur        Will not occur

Conditions to avoid: None

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures):

Use cleanup procedure to prevent spreading of dust.

Preparing wastes for disposal (container types, neutralization, etc.)

Disposal of waste in a manner consistent with applicable federal, state and local laws.

NOTE: Byproducts of use need to be disposed of lawfully.

NOTE: Dispose of all waste accordance with the federal, state and local regulations

VIII. SPECIAL HANDLING INFORMATION


Respiratory protection (type): Employ toxic dust respirator.

Eye Protection (type): Employ safety goggles.

Gloves (specify material): Use gloves for general hand protection.

Other clothing equipment: Wear flame retardant clothing. Grinding or cutting may cause elevated sound levels, use ear protection during operation.

Work practices, hygienic practices: N.A.

Other handling/storage requirement: N.A.

Protective measures during maintenance of contaminated equipment.

Use respiratory and eye protection.