# MATERIAL SAFETY DATA SHEET

**To the Purchaser:** This MSDS contains important environmental safety and health information for your employees who will be using this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

**MANUFACTURER’S NAME:** Electro Abrasives Corp.  
**ADDRESS:** 701 Willet Road, Buffalo, New York 14218

### SECTION I

**TRADE NAME:** Electrocarb  
**CHEMICAL & COMMON NAME(S):** Silicon Carbide Grain  
**DOT CLASS/I.D. NUMBER:** NA  
**FORMULA:** SiC

### SECTION II

**OSHA POTENTIAL HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS #</th>
<th>% (Optional)</th>
<th>ACGIH-TLV</th>
<th>OSHA PEL</th>
<th>(OTHER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiC</td>
<td>409-21-2</td>
<td>98</td>
<td>10mg/m³</td>
<td>15mg/m³</td>
<td>Total Dust</td>
</tr>
<tr>
<td>SiO₂</td>
<td></td>
<td>0.5</td>
<td></td>
<td>0.1mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION:

- Shiny, black, granular - odorless material

### SECTION III. PHYSICAL DATA

- **BOILING POINT (°F):** NA  
- **SPECIFIC GRAVITY (H₂O = 1):** 3.2  
- **VAPOR PRESSURE (mm Hg):** NA  
- **ACIDITY (pH):** NA  
- **VAPOR DENSITY (AIR = 1):** NA  
- **EVAPORATION RATE (BUTYL ACETATE = 1):** NA  
- **MELTING POINT (°F):** Sublimes at 4700°F

### SECTION IV. FIRE & EXPLOSION HAZARD DATA

- **FLASH POINT (Method Used):** NA  
- **FLAMMABLE LIMITS:** NA

#### EXTINGUISHING MEDIA

- Not flammable

#### SPECIAL FIRE FIGHTING PROCEDURES

- None required

#### UNUSUAL FIRE & EXPLOSION HAZARDS (See Reactivity Section for other physical hazards)
SECTION V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>STABILITY</th>
<th>UNSTABLE</th>
<th>X</th>
<th>CONDITIONS TO AVOID</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>STABLE</td>
<td>X</td>
<td></td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

INCOMPATIBILITY (Materials to Avoid) None

HAZARDOUS DECOMPOSITION PRODUCTS None

HAZARDOUS POLYMERIZATION None

SECTION VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY Nasal

LISTED AS A CARCINOGEN? Yes ☐ No ☒ If yes, explain:

SYMPTOMS AND EFFECTS OF OVEREXPOSURE
Lung irritation may be evidenced by shortness of breath. Prolonged exposure may lead to pulmonary problems.

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Uncontaminated material may be scooped up for use.
If contaminated scoop or vacuum into a receptacle for disposal.

WASTE DISPOSAL METHOD
Use a sanitary landfill in accordance with local, state and federal regulations.

SECTION VIII. RECOMMENDED CONTROL MEASURES

<table>
<thead>
<tr>
<th>RESPIRATORY PROTECTION</th>
<th>U.S. Bureau of Mines approved for dusts and pneumoconiosis.</th>
</tr>
</thead>
<tbody>
<tr>
<td>VENTILATION</td>
<td>LOCAL EXHAUST: Normal dust collector</td>
</tr>
<tr>
<td></td>
<td>SPECIAL: NA</td>
</tr>
<tr>
<td></td>
<td>MECHANICAL (General): NA</td>
</tr>
<tr>
<td></td>
<td>EYE PROTECTION: Goggles</td>
</tr>
<tr>
<td>PROTECTIVE GLOVES</td>
<td>NA</td>
</tr>
<tr>
<td>OTHER PROTECTIVE EQUIPMENT</td>
<td>NA</td>
</tr>
</tbody>
</table>

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING (INCLUDING APPROPRIATE HYGIENIC PRACTICES)
NA