SAFETY DATA SHEET

SECTION 1: CHEMICAL AND COMPANY INFORMATION

Product / Chemical Name: QuickPerc / Garnet Abrasive
Chemical Formula: 3FeO Al₂O₃ SiO₂
CAS Number: 1302-62-1
General Use: Industrial Abrasives

Wholesale Distributor: Quick Minerals Group, LLC
311 East 72nd Street Suite 7E
New York, NY 10021
(Toll Free) 888.298.7768
(Mobile) 203.258.2604
(Fax) 203.549.0558
(Email) sales@quickmineralsgroupllc.com
(Website) www.quickmineralsgroupllc.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Proportion (Weight %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almandine Garnet</td>
<td>1302-62-1</td>
<td>More than 85%</td>
</tr>
<tr>
<td>Omphacite</td>
<td>None allocated</td>
<td>Less than 10%</td>
</tr>
<tr>
<td>Rutile</td>
<td>13463-67-7</td>
<td>Less than 1.0%</td>
</tr>
<tr>
<td>Ilmenite</td>
<td>103170-28-1</td>
<td>Less than 2.0%</td>
</tr>
<tr>
<td>Olivine</td>
<td>1317-71-1</td>
<td>Less than 1.5%</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>Less than 0.5%</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

- Prolonged inhalation of dust may cause irritation
- Prolonged ingestion of dust may cause irritation
- Contact with eyes may cause temporary irritation
- Contact with skin may cause temporary irritation

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SECTION 4: FIRST AID MEASURES

- After skin contact, remove particles and wash
- After eye contact, flush eyes with water and remove all particles. Consult a physician if the problem persists
- After ingestion, give water and seek medical advice if the problem persists
- After inhalation, remove subject into fresh air and seek medical advice

SECTION 5: FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Flammability Classification:</th>
<th>Non-Flammable Solid</th>
<th>Flash Point Method:</th>
<th>Not Relevant</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEL:</td>
<td>Not Relevant</td>
<td>UEL:</td>
<td>Not Relevant</td>
</tr>
<tr>
<td>Flammability Classification:</td>
<td>Not Relevant</td>
<td>Extinguishing Media:</td>
<td>Use Appropriate Extinguishing Media For Surrounding Fire</td>
</tr>
<tr>
<td>Unusual Fire or Explosion Hazards:</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precaution: Non-hazardous
- Environment Precaution: Non-hazardous
- Clean Up Method: Take up mechanically

SECTION 7: HANDLING AND STORAGE

- Precautions for Handling: No special instruction
- Measures to Protect Against: N/A
- Fire / Explosion: Non-explosive
- Storage: Store in a dry place / condition

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Ingredients with OELs: N/A
- Respiratory Protection: Not required for normal operation
- Hand Protection: Recommended for high volume application if dust is present
- Body Protection: Overalls and eye protection recommended
- Hygiene Measures: High standards must be encouraged
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Solid grains or powders
- **Appearance and Odor:** Dark reddish sand, no odor
- **Odor Threshold:** None
- **Vapor Pressure:** Not Relevant
- **Vapor Density: (Air = 1)** Not Relevant
- **Specific Gravity (H₂O = 1)**: 4.0 – 4.1
- **pH:** Not Relevant
- **Water Solubility:** Not Soluble
- **Other Solubles:** Not Relevant
- **Boiling Point:** Not Relevant
- **Melting Point:** 1,315°C (2,399°F)
- **Bulk Density:** 2.0 – 2.3 g/cm³
- **Mean Refractive Index:** 1.73 – 1.76
- **Mohs Hardness:** 7.0 – 8.0

SECTION 10: STABILITY AND REACTIVITY

- **Chemical Stability:** Stable
- **Consideration of Reactivity:** None Known
- **Incompatible Material:** N/A
- **Conditions to Avoid:** None Known
- **Hazardous Decomposition:** None Known
- **Hazardous Polymerization:** None Known

SECTION 11: TOXICOLOGICAL INFORMATION

- **This Material is Non-Toxic**

- **Toxicological Tests:** Acute Toxicity – N/A
  Additional Information – N/A
- **Experience:** Observations – None

SECTION 12: ECOLOGICAL INFORMATION

- **Information on Elimination:** None
- **Behavior in the Environment:** Material is resistant to bio-degradation
- **Mobility and Bio-Accumulative Potential:** None
- **Aquatic Toxicity:** N/A

SECTION 13: DISPOSAL CONSIDERATIONS

- Dispose of to an authorized landfill site
- Preparation: The material is not considered to be hazardous

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 SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Mode</th>
<th>ADR / RID</th>
<th>AND / ADNR</th>
<th>ICAO / IATA</th>
<th>Not Dangerous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road / Rail</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inland / Sea</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

 SECTION 15: REGULATORY INFORMATION

Non-hazardous and non-dangerous goods. No known additional regulations for this product.

Certified to NSF / ANSI 61