Section 1 - Chemical Product and Company Identification

Product / Chemical Name: Diamond Blade-SB10NR
Chemical Family or Product Type: Any Grade
Product Type: N/A  Formula: N/A

Manufacturer: EHWA Diamond Industrial Co., Ltd
Revision Date: 02.15.2011

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diamond</td>
<td>7782-40-3</td>
</tr>
<tr>
<td>Nickel</td>
<td>7440-02-0</td>
</tr>
<tr>
<td>Chromium</td>
<td>7440-47-3</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

Inhalation Acute Exposure Effects: Dust may be slightly irritating to respiratory tract at high concentrations, causing coughing and shortness of breath.

Inhalation Chronic Exposure Effects: May affect breathing capacity.

Skin Contact Acute Exposure Effects: Some may experience skin irritation from dust.

Eye Contact Acute Exposure Effects: Dust may irritate eyes.

Ingestion Acute Exposure Effects: No known adverse effects, but ingestion not recommended.

Carcinogenicity: Contains the following chemicals which can cause cancer.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS#</th>
<th>Class Description</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel</td>
<td>7440-02-0</td>
<td>Group 2B</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>Nickel</td>
<td>7440-02-0</td>
<td>Anticipated Human Carcinogen</td>
<td>National Toxicology Program Carcinogens</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.

Skin Contact: Wash affected areas with soap and water. Obtain medical assistance.

Eye Contact: Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

Ingestion: Obtain medical assistance.

Section 5 - Fire Fighting Measures

Fire Fighting Procedures: Not Applicable.

Fire And Explosion Hazards: None.

Hazardous Products/Combustion: None.
Section 6 - Accidental Release Measures

**Clean-Up:** Follow normal clean up procedures.

Section 7 - Handling And Storage

**Handling Precautions:** (See ANSI Standard B7.1, Section 2)
1. The cutting blade should be mounted with the arrow pointing in the direction of rotation.
2. Never work without safety equipment.
3. Never hold the material being cut in your hand, or secure it using with your leg or foot during cutting.
4. Keep a safe distance between operators and materials being cut during cutting.
5. Make sure that you are using the proper blade specification for the material being cut.

**Storage conditions:** Keep away from humidity and excessive heat to prevent the cutting blade from getting rusty and thermal shocks which may mechanically weaken products and create a safety risk when it's used.

Section 8 - Exposure Controls/Personal Protection

For safe cutting, follow all workplace regulations to include Federal and State regulations.

**Ventilation system:** recommended. See 29 CFR 1910.94 (ventilation), 29 CFR 1910.1000 (air contaminants), and 29 CFR 1910.134 (respirators)

**Hand protection:** protective gloves.
**Skin protection:** protective clothing.
**Eye protection:** safety goggles. See 29 CFR 1910.133
**Dust protection:** dust mask.
**Ear protection:** ear protector.

Section 9 - Physical And Chemical Properties

**Appearance & Odor:** Solid, metallic, and odorless.

Section 10 - Stability And Reactivity

**BSL Cutting blade is chemically stable under normal temperature and pressure.**

**Conditions to avoid:** Keep away from humidity and excessive heat.

**Materials to avoid:** Strong acids and oxidizing agents.

**Hazardous decomposition products:** None.

Section 11 - Toxicological Information

**LD50/LC50:** Values are not appropriate or available.

Section 12 - Ecological Information

**Product has no ecological effects when it’s used or stored, but it’s not recommended to release worn product into the environment without any proper treatment after its tool-life ends.**

Section 13 - Disposal Considerations

**Waste Disposal:** Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.

Section 14 - Transport Information

**No specific regulations for transportation are required. Make sure to protect products from damage during transportation.**

Section 15 - Regulatory Information

**Review specific national or local regulations.**

Section 16 - Other Information

**Disclaimer:** The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, the manufacturer makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

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