SECTION 1. IDENTIFICATION

1.1 Identification of Product
Resin Bonded Diamond Pad

1.2 Recommended use
Polishing of Granite

1.3 Company/undertaking identification
Manufacturer : EHWA DIAMOND IND.CO.,LTD
E-Mail : salesinfo@ehwadia.co.kr
Information contact : +82-31-370-9290
National contact : 374, Nambu-daero, Osan-si, Gyeonggi-do, Korea (Postcode : 18145)

1.4 EMERGENCY TELEPHONE: +82-31-370-9290(Overseas business unit in EHWA DIAMOND IND.CO.,LTD)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Hazard description
Classification : Not classified by CLP Regulation(EC) No 1272/2008

2.2 Informations pertaining to special dangers for human and environment:
Inhalable particles of dusts(from workpiece) may occur during use
A loud noise may occur during use
Damaged product can break apart during use, and cause serious injury to body

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>CAS number</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nylon 6</td>
<td>25038-54-4</td>
<td>5~10%</td>
</tr>
<tr>
<td>Phenol resin</td>
<td>9003-35-4</td>
<td>40~50%</td>
</tr>
<tr>
<td>Silicon carbide</td>
<td>409-21-2</td>
<td>20~30%</td>
</tr>
<tr>
<td>Zirconium oxide</td>
<td>1314-23-4</td>
<td>10~20%</td>
</tr>
<tr>
<td>Aluminium oxide</td>
<td>1344-28-1</td>
<td>10~20%</td>
</tr>
<tr>
<td>Others</td>
<td>-</td>
<td>5~10%</td>
</tr>
</tbody>
</table>
SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
If symptoms develop (coughing/wheezing/shortness of breath, etc), remove from exposure and obtain medical assistance, as needed.

Skin contact
If irritation occurs, wash affected areas with soap and water. Obtain medical assistance, as needed.

Eye contact
If irritation occurs, flush with large amounts of water. Obtain first aid and medical assistance, as needed.

Ingestion
Obtain medical assistance.

4.2 Most important symptoms and effects, both acute and delayed
Refer to Section 11.1 Information on toxicological effects.

4.3 Indication of any immediate medical attention and special treatment required
Not applicable

SECTION 5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media
Not applicable

5.2 Special hazards arising from the substance or mixture
Not applicable

5.3 Special protective actions for fire-fighters
Not applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions
Not applicable

6.2 Environmental precautions
Not applicable

6.3 Methods for cleaning up
Not applicable
SECTION 7. HANDLING AND STORAGE

7.1 handling
Advices on safe handling:
For industrial or professional use only.
Do not handle until all safety precautions have been read and understood.
Avoid breathing of dust created by sanding, cutting, grinding or machining.
Check product for damage such as cracks or nicks prior to use. Replace if damaged.
(Damaged product can break apart during use and cause serious injury to face or eyes.)
Always wear eye and face protection when working at sanding/cutting/grinding operations.
Keep a safe distance when working at sanding/cutting/grinding operations.
Use personal protective equipment (gloves, respirators, etc.) as required.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.

7.2 Storage
No special storage requirements

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limits

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS number</th>
<th>TWA (ACGIH)</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nylon 6</td>
<td>25038-54-4</td>
<td>-</td>
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<td>Phenol resin</td>
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</tbody>
</table>

ACGIH : American Conference of Governmental Industrial Hygienists
TWA: Time-Weighted-Average

8.2 Exposure controls
Engineering controls
Provide appropriate local exhaust ventilation for grinding, sawing, sanding, machining and drilling.
Use local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray.
Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).
If ventilation is not adequate, use respiratory protection equipment.
Personal protective equipment (PPE)

Respiratory protection
Assess exposure concentrations of all materials involved in the work process.
Select and use appropriate respirators to prevent inhalation overexposure.

Hand protection
Select and use gloves approved to relevant local standards to prevent skin contact based on the results of an exposure assessment.

Eye/face protection
To minimize the risk of injury to face and eyes, always wear eye and face protection when working at grinding, sawing, sanding, machining and drilling operations or when near such operations.
Select and use eye/face protection to prevent contact based on the results of an exposure assessment.
The following eye/face protection(s) are recommended: Safety Glasses with side shields

Body protection
Select and use protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance
- Physical state: Solid
- Color: Various tones depending on the product model
- Odor: Odorless

9.2 Important health, safety and environmental information
- pH: Not applicable
- Melting point/range: Not applicable
- Boiling point/range: Not applicable
- Flash point: Not applicable
- Ignition temperature: Not applicable
- Vapour pressure: Not applicable
- Density: Not applicable
- Bulk density: Not applicable
- Water solubility: Not applicable
- Partition coefficient: Not applicable
- n-Octanol/Water: Not applicable
- Viscosity, dynamic: Not applicable
- Dust explosion hazard: Not applicable
- Explosion limits: Not applicable
SECTION 10. STABILITY AND REACTIVITY

10.1 Conditions to avoid
No data available.

10.2 Materials to avoid
No data available.

10.3 Hazardous decomposition products
No data available.

SECTION 11. TOXICOLOGICAL INFORMATION

Not applicable.

SECTION 12. ECOLOGICAL INFORMATION

Products have no ecological effects when properly used and stored.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with the local/regional/national/international regulations.
The substrate that was abraded must be considered as a factor in the disposal method for this product.
Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility.

SECTION 14. TRANSPORT INFORMATION

No specific regulations for transportation are required.

SECTION 15. REGULATORY INFORMATION

15.1 EU regulations
Refer to SECTION 2 of this SDS
Contact EHWA DIAMOND IND.CO.,LTD for more information.
15.2 National regulations
Contact EHWA DIAMOND IND.CO.,LTD for more information.
This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16. OTHER INFORMATION

Issuing date: 03-Jun-2015

Revision date and number: 01-Jun-2016

Disclaimer
The information in this Safety Data Sheet(SDS) is believed to be correct as of the date issued. Company makes no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.