

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

Ingredient name	CAS number	% by Wt
Nylon 6	25038-54-4	5~10%
Phenol resin	9003-35-4	40~50%
Silicon carbide	409-21-2	20~30%
Zirconium oxide	1314-23-4	10~20%
Aluminium oxide	1344-28-1	10~20%
Others	-	5~10%

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

Ingredient	CAS number	TWA (ACGIH)	Additional Comments
Nylon 6	25038-54-4	-	
Phenol resin	9003-35-4	-	
Silicon carbide	409-21-2	10.0mg/m3	
Zirconium oxide	1314-23-4	-	
Aluminum oxide	1344-28-1	10.0mg/m3	

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

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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.