

SAFETY DATA SHEET

EMERGENCY CONTACT

1-800-255-3924

revision date JAN 2023



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1. IDENTIFICATION OF SUBSTANCE

Product Name: Piano Diamond Discs Resin Bonded, All Conversions

2. INFORMATION ON INGREDIENTS:

SUBSTANCE DESCRIPTION	CAS #	
Resin binder	N/A	
Diamond	7782-40-3	
Inert metal oxides and carbides	N/A	
Polyurethane adhesive	N/A	
Woven nylon coloured backing	32131-17-2	} optional
Polycotton	N/A	} optional
Polyethylene foam	N/A	} optional
Pressure sensitive adhesive	N/A	} optional

CHEMICAL CHARACTERISATION: CAS number not applicable for complete disc.

3. HAZARDS I.D.

Hazard designation: The material is not subject to classification according to EC lists and other sources or literature known to us.

Information relevant to particular Dangers for man & environment: When used as directed and intended it is not expected that exposure of a hazardous nature at ambient temperature will be created.

4. FIRST AID MEASURES:

General information: If irritation or other symptoms occur see a Doctor and present this MSDS

After inhalation: Not applicable as supplied

After skin contact: Not applicable as supplied

After eye contact: Treat as any foreign particulate matter

After ingestion: No applicable information known, no effects known

Doctor's information: No applicable information known

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5. FIRE FIGHTING MEASURES

Extinguishing agents:	Water, dry chemicals, air foams.
Unsuitable extinguishing agents:	Carbon dioxide is not generally recommended as a lack of cooling capacity may result in reignition.
Special hazards caused by the material:	All the optional backings can burn. Irritating or toxic substances may be emitted upon combustion, burning or decomposition.
Self-protective equipment for firefighters:	Wear self-contained breathing apparatus equipped with full face piece and operating at positive pressure mode and protective clothing. Personnel not wearing suitable respiratory protection must leave the area to prevent significant exposure to irritant causes from combustion, burning or decomposition.
Additional information:	None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Not necessary if used as directed.
Environmental precaution:	Do not sweep or flush into sewers or waterways. Observe local regulations.
Measures for cleaning/collecting:	Pick up material mechanically for reuse or proper disposal.

7. HANDLING & STORAGE

Handling:	No special measures necessary
Safe handling advice:	None applicable when used as directed/intended
Protection against fires & explosions:	Protect product from flames of any kind and maintain proper clearance when using heat devices. Store flammable liquids away from this product.
Storage:	Avoid excessive heat. Do not store near inflammable agents.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Components with limit values requiring monitoring at workplace:	Not applicable when used as directed/intended.
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9. PHYSICAL & CHEMICAL PROPERTIES

Form	Solid
Color	May be colour coded to diamond grit size, depending upon resin type and backing
Odor	None / Slight

CHANGE IN CONDITION

Melting Point/Melting Range	Not applicable
Boiling Point/Boiling Range	Not applicable
Flash Point	Not applicable
Inflammability	Optional backings are inflammable
Ignition Temperature	Not available
Self-Inflammability	Not available
Danger of Explosion	Material is not explosive
Density @ 20°C	2.25 grams/cm ³
Solubility in Water	Insoluble
pH Value	Not applicable
Viscosity	Not applicable

10. STABILITY & REACTIVITY

Thermal decomposition/conditions to be avoided:	Not applicable when used as directed/intended Avoid excessive heat.
Materials to be avoided:	None known.
Dangerous products of decomposition:	Not applicable when used as directed/intended. Potential decomposition gases have not been fully determined.

11. TOXICOLOGICAL INFORMATION

Acute toxicology:	None known or expected when used as directed/intended
Primary irritant effect:	Vapors from combustion or decomposition may be irritant
Sensitization:	At elevated temperatures this product may emit irritant vapors. This material is not subject to classification according to current EC lists.

12. ECOLOGICAL INFORMATION

Information about elimination:	Not biologically degradable.
Behavior in environmental systems:	Bioaccumulation unlikely.
General notes:	Generally not hazardous for water.

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13. DISPOSAL CONSIDERATIONS

Recommendations:

Dispose of waste in certified landfill in accordance with local regulations and available facilities. Do not dispose of by incineration. National or regional controls relating to disposal may apply.

14. TRANSPORT INFORMATION

LAND TRANSPORT ADR/RID (CROSS BORDER)

ADR/RID-GGCS/E CLASS: Not applicable

NUMBER/LETTER: Not applicable

MARITIME TRANSPORT IMDG

IMDG CLASS: Not applicable

UN NUMBER: Not applicable

MARINE POLLUTANT: Not a marine pollutant

AIR TRANSPORT ICAO-T & IATA-DGR

ICAO/IATA CLASS: Not applicable

UN/ID NUMBER: Not applicable

COMMENT: Not a dangerous cargo

15. REGULATORY INFORMATION

Designation according to EC guidelines:

This material is not subject to classification according to EC lists and other sources of literature known to us.

16. OTHER INFORMATION

The above information is based on our present knowledge and is taken from sources believed to be accurate at publication date, and shall not constitute a guarantee for any specific material features. Metlab makes no warranty with respect to the accuracy and assumes no liability to any user of the product described.