

Diamlox

Section 1. Identification

Common name: Diamlox

Product Code: Grit 30 to 2500

Synonym: None

Material uses: Polishing and abrasion tool on polypropylene base.

Supplier / Manufacturer:

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In case of emergency:

CANUTEC: (613) 996-6666
Chemtrec: (800) 424-9300
International: (819) 652-2772

Section 2. Hazards identifications

Classification:

Not regulated *

* When tools are not used, they are not considered dangerous. The tool is used with cooling water. The danger comes from abrasion operations. When the tools are in use, the dust and / or cutting fluids contain suspended particles of the worked material. Dust and / or abrasion fluids can be irritating to the skin, in case of skin sensitivity.

Signal word: None

Hazard statements: None

Precautionary statements: None

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Aluminum oxide	1344-28-1	**
Formo-phenolic polymers	**	**
Industrial diamond powder	7782-40-3	**

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact:

If irritation develops after the exposure to the abrasion particles and/or cutting fluids, immediately rinse the eyes with a lot of water.

Skin contact:

If irritation develops after the exposure to the abrasion particles and/or cutting fluids, immediately wash the skin with a lot of water and soap.

Inhalation:

Move the conscious victim to fresh air.

Ingestion:

Highly improbable. However, if the product is ingested, DO NOT induce vomiting.

Indication of immediate medical attention and special treatment needed, if necessary:

Do not give anything by mouth to an unconscious victim. Do NOT induce vomiting.

Most important acute symptoms and effects:

Abrasion particles can irritate skin and eyes. Not likely, but may irritate the gastric tract. May irritate the respiratory tract if the product is used without cooling water.

Most important delayed symptoms and effects:

None known

Section 5. Fire fighting measures

Flammability of the product:

Polypropylene can ignite or melt at high temperatures.

Flash point:

N/A

Auto-ignition temperature:

N/A

Products of combustion:

Carbon oxides

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and appropriate protective clothing.

Suitable extinguishing media:

Use means of extinction the most suited to the surrounding materials.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non emergency personnel: Not applicable

For emergency personnel: Not applicable

Environmental precautions:

Not applicable

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and storage

Precautions in Handling:

Follow the usual safety standards during abrasion operations to avoid mechanical injury from abrasive particles.

Precautions in Storage:

Store in a cool, dry and well-ventilated place.

Section 8. Exposure Controls, Personal Protections

Control parameters:

Component	CAS	Value	Control parameters	Basis
Industrial diamond powder	7782-40-3	PEL	15 mg/m ³	OSHA
		TLV	10 mg/m ³	ACGIH
Aluminum oxide	1344-28-1	TWA	5 mg/m ³ inhalable fraction	OSHA
		TWA	10 mg/m ³	ACGIH
		TWA	15 mg/m ³	OSHA

Engineering controls:

Use with water to cool and clean the stone.

Personal protective equipment:

Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

Section 9. Physical and chemical properties

Physical state: Solid

Color: Variable according to components

Odour: Not available

Melting point/Freezing point: Data not available

Boiling point: Data not available

Appearance: Solid

Flash point: Data not available

Auto-ignition temperature: Data not available

pH: Data not available

Solubility: Not available

Density: Data not available

Section 10. Stability and reactivity

Chemical reactivity: Stable under normal conditions of use and storage.

Possibility of hazardous reactions: Not applicable

Reactivity conditions: None

Incompatible materials: None

Section 11. Toxicological information

Acute toxicity:

Component	CAS	Value
Industrial diamond powder	7782-40-3	DL ₅₀ Oral: Mouse = 10000 mg/kg
Aluminum oxide	1344-28-1	DL ₅₀ Oral: Rat > 3600 mg/kg

Skin corrosion/irritation:

Not applicable

Serious eye damage/irritation:

Not applicable

Respiratory or skin sensitisation:

Not applicable

Gem cell mutagenicity:

Not applicable

Carcinogenicity:

Not applicable

Reproductive toxicity:

Not applicable

STOT- Single exposure:

Not applicable

STOT- repeated exposure:

Not applicable

Aspiration hazard:

Not applicable

Information on likely route of exposure:

Not applicable

Section 12. Ecological information

Ecological data for aquatic environments:

Data not available

Persistence and degradability:

Data not available

Bioaccumulative potential:

Data not available

Mobility in soil:

Data not available

Other adverse effects:

Data not available

Section 13. Disposal considerations

Waste disposal:

Dispose of this product in accordance with applicable federal, state and local laws.

Section 14. Transportation information

No TDG/DOT/IMDG/IATA Classification

Section 15. Regulatory information

NFPA Classification:



Health: 0
Flammable: 0
Reactivity: 0
Specials conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

U.S. Federal regulations

California proposition 65 requirements: No ingredient listed

Section 16. Additional information

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Elaborated by:

Toxyscan inc.

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Références:

- *Répertoire toxicologique of la Commission des normes, de l'équité, de la santé et de la sécurité du travail.*
- *Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.*
- *Material safety data sheet from the manufacturer.*
- *Hazardous Products Regulations (DORS/2015-17).*
- *Canadian Transport of Dangerous Goods.*
- *The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) <http://www.hc-sc.gc.ca/a>*