

SAFETY DATA SHEET

Environmental Precautions: Not necessary for the product as supplied.

Methods for Containment: Not necessary for the product as supplied.

Methods for Clean-Up: Not necessary for the product as supplied.

Other Information: See Section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Handling:

Do not swallow. Wash hands thoroughly after treatment. See Section 8 for information on Personal Protective Equipment.

Storage:

Keep out of the reach of children.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component

No TLV or PEL established for the components of this material.

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

Engineering Controls: Not normally required.

PERSONAL PROTECTIVE EQUIPMENT (PPE)



Eye/Face Protection:

Wear safety glasses. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

Hand Protection:

Wear protective gloves. Consult manufacturer specifications for further information.

Skin and Body Protection:

Wear protective clothing.

Respiratory Protection:

Not normally required.

General Hygiene Considerations:

Handle according to established industrial hygiene and safety practices. Consult a competent industrial hygienist to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

20 mm to 40 mm blade with Gold-plated, Nickel-plated or Black-plated handle. It includes a red silicone stop and a white silicone band. The file weighs < 1 g.

Colour:

Silver blade, with gold-plated, nickel-plated or black-plated handle, and red stop and white band.

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| Odour: | Odourless. |
| Odour Threshold: | Not available. |
| Physical State: | Solid. |
| pH: | Not available. |
| Melting Point / Freezing Point: | Not available. |
| Initial Boiling Point: | Not available. |
| Boiling Range: | Not available. |
| Flash Point: | Not available. |
| Evaporation Rate: | Not available. |
| Flammability (solid, gas): | See Section 5. |
| Lower Flammability Limit: | Not available. |
| Upper Flammability Limit: | Not available. |
| Vapor Pressure: | Not available. |
| Vapor Density: | Not available. |
| Relative Density: | Not available. |
| Solubilities: | Insoluble in water. |
| Partition Coefficient: n-Octanol/Water: | Not available. |
| Auto-ignition Temperature: | Not available. |
| Decomposition Temperature: | Not available. |
| Viscosity: | Not available. |
| Percent Volatile, wt. %: | Not available. |
| VOC content, wt. %: | Not available. |
| Density: | Not available. |
| Coefficient of Water/Oil Distribution: | Not available. |

Section 10: STABILITY AND REACTIVITY

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| Reactivity: | None known. |
| Chemical Stability: | Stable under normal storage conditions. |
| Possibility of Hazardous Reactions: | None known. |
| Conditions to Avoid: | None known. |
| Incompatible Materials: | None known. |
| Hazardous Decomposition Products: | None. |

Section 11: TOXICOLOGICAL INFORMATION**EFFECTS OF ACUTE EXPOSURE****Product Toxicity****Oral:** Not available.**Dermal:** Not available.**Inhalation:** Not available.**Component Toxicity**

| Component | CAS No. | LD₅₀ oral | LD₅₀ dermal | LC₅₀ |
|------------------|----------------|-----------------------------|-------------------------------|------------------------|
| Aluminum oxide | 1344-28-1 | Not available. | Not available. | Not available. |
| Silica, vitreous | 60676-86-0 | Not available. | Not available. | Not available. |

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system.**Symptoms (including delayed and immediate effects)****Inhalation:** Not a normal route of exposure.**Eye:** Not a normal route of exposure. Particles resulting from the treatment area may present additional hazards.**Skin:** Not expected to adverse effects. **These files should not be used for nickel-sensitive persons.****Ingestion:** Not a normal route of exposure. **These files should not be used for nickel-sensitive persons.****Skin Sensitization:** **These files should not be used for nickel-sensitive persons.****Respiratory Sensitization:** Not available.**Medical Conditions** Not available.**Aggravated By Exposure:****EFFECTS OF CHRONIC EXPOSURE (from short and long-term exposure)****Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system.**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation.**Carcinogenicity:** As supplied, the material does not pose a cancer hazard.**Mutagenicity:** Not available.**Reproductive Effects:** Not available.**Developmental Effects****Teratogenicity:** Not available.**Embryotoxicity:** Not available.**Toxicologically Synergistic Materials:** Not available.**Section 12: ECOLOGICAL INFORMATION****Ecotoxicity:** Not available.**Persistence / Degradability:** Not available.

Bioaccumulation / Accumulation: Not available.**Mobility in Environment:** Not available.**Other Adverse Effects:** Not available.**Section 13: DISPOSAL CONSIDERATIONS****Disposal Instructions:** Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.**Section 14: TRANSPORT INFORMATION****U.S. Department of Transportation (DOT)****Proper Shipping Name:** Not regulated.**Class:** Not applicable.**UN Number:** Not applicable.**Packing Group:** Not applicable.**Placard(s):** Not applicable.**Canada Transportation of Dangerous Goods (TDG)****Proper Shipping Name:** Not regulated.**Class:** Not applicable.**UN Number:** Not applicable.**Packing Group:** Not applicable.**Placard(s):** Not applicable.**Section 15: REGULATORY INFORMATION****Chemical Inventories****US (TSCA)**

The components of this product are in compliance with the chemical notification requirements of TSCA.

Canada (DSL)

The components of this product are in compliance with the chemical notification requirements of the NSN Regulations under CEPA, 1999.

Federal Regulations**United States**

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Section 16: OTHER INFORMATION**Disclaimer:**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

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