

**I. Product Identification:**

**Product Name-** Electroplated Diamond Hand File  
**Product Use-** Repairing pencil edges  
**Identification Number-** ELECTPLTFILE 180

**LAST UPDATE 03/03/2004**

**NFPA Hazard Ratings:** Health - 1, Fire- 0, Reac. - 0

**II. Hazardous Components:**

<u>Hazardous</u> <u>Ingredients</u>	<u>CAS or</u> <u>UN number</u>	<u>TLV</u> <u>(mg/m<sup>3</sup>)</u>	<u>LD50/LC50</u>
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The metals, resins and diamond removed during the grinding process are so minute as to not be included in this section.

**II.a Non-hazardous Components:** Diamond, nickel, steel and rubber

**III. Physical Data:**

**Appearance and Odor-** Silver and yellow

**Boiling Pt. (C°)-** Not available

**Density (g/ml)-** For liquids and solids Density = Specific gravity

**Evaporation Rt. (Butyl Acetate = 1)-** None

**Melting Pt. (C°)-** Not available

**Odor Threshold-** Not available

**Percent Volatile (v/v)-** Not available

**Physical State-** Solid

**pH-** Not available

**Solubility in water-** 0

**Specific Gravity (Water = 1)-** 3

**Vapor Density (Air=1)-** 0

**Vapor Pressure (mm Hg)-** 0

**IV. Fire and Explosion Data:**

**Flammability (Flashpoint below 37.8°C)-** No

**Flammable Limits-** None

**Flash Pt. (C°)-** None

**Autoignition Temp.-** Not available

**Extinguishing Media:** Water Spray/Fog

**Explosion Data-** Not available

**Special Fire Fighting Procedures-** Not available

**V. Health Hazard Data:**

**Primary Routes of entry:** Skin, Inhalation

**Eye-** May irritate the eyes.

**Skin-** May cause sensitization in some individuals.

**Inhalation-** May cause coughing, shortness of breath and wheezing. Chronic exposure may affect breathing capacity.

**Ingestion-** No known adverse effects.

**VI. First Aid Data:**

**Eyes-** Flush eyes for at least 15 minutes. Consult a physician if irritation persists

**Skin-** Wash off with warm soap and water. Consult a physician if irritation persists

**Inhalation-** Remove to fresh air if effects occur. Consult a physician if irritation persists.

**Ingestion-** If swallowed seek medical attention. Do not induce vomiting unless directed by medical personnel.

**VII. Corrosivity and Reactivity Data:**

**Stability-** Stable

**Conditions to avoid-** Oxidizing materials.

**Decomposition Products-** None

**VIII. Chemical Handling:**

**Polymerization-** No

**Handling and Storage-** Exercise reasonable care and caution. Keep and store in a dry area.

**Leaks or Spills-** Not applicable.

**Waste Disposal Method-** Reprocess file at a scrape yard.

**PAGE 2 ELECTROPLATED DIAMOND HAND FILE**

**IX. Personal Protection Information:**

**Eye-** Use goggles for dust protection.

**Respiratory-** Observe nuisance dust exposure level of 20mg/m<sup>3</sup>. Use of MSHA or NIOSH masks are recommended for people who are sensitive to dust exposure.

**Gloves-** Latex gloves if person is sensitive to material.

**Footwear-** None normally required.

**Ventilation-** Local

**Work, Hygienic, Maintenance Practices and Special Clothing:** Exercise reasonable care and caution. Wash before eating, smoking, or going to the bathroom.

**X. Special Precautions or Other Comments:** For dusting conditions, avoid ignition sources. Keep work areas ventilated.

**XI. Toxicological Data:**

**Carcinogenicity-** Not applicable **Teratogenicity-** Not applicable

**Mutagenicity-** Not applicable

**Reproductive Effects-** Not applicable

**TLV (mg/m<sup>3</sup>)-** Not applicable

**LD50-** Not applicable

**LC50-** Not applicable

**XII. Regulatory Information:**

**Sara Hazard Class-** None known

**Canadian Right To Know-**This product is not a " controlled product" under WHMIS.