Safety Data Sheet

Electroplated Diamond Hand File

Section 1 – Product and Company Information

Manufacturer Inland Diamond Products Company - 32051 Howard Street Madison Heights, MI 48071 USA
www.inlanddiamond.com
USA Toll Free: 1-800-347-2020 USA 248-585 2330 Canada 800 231 6903

Trade Name Electroplated Diamond Hand File
Chemical Family: Objects
Last Review Date: June 1, 2015
Product ID ELECTPLTFILE 180
Recommended Uses Repairing pencil edges.

Emergency Phone Number:
CHEMTREC
1-800-424-9300 or
1-703-527-3887

Section 2 – Hazard Identification

Classification: This product is not classified as hazardous according to 29 CFR 1910.1200 (2012

While this product does not represent a significant hazard to health, safety or the environment when handled and stored as advised, high concentrations of dusts, if they are generated through the use this product, may cause irritation to the eyes, nose, and throat and can be explosive. See Section 8 for workplace exposure limits.

Section 3 – Composition/Information on Ingredients

Component	CAS
Nickel	7440-02-0

This is the material potentially contributing to classified hazards are reported above. Information is provided for industrial hygiene and environmental purposes and are not intended to represent product specifications.

Section 4 – First Aid Measures

Description of First Aid Measures;
In Case of Skin Contact: First aid not normally required. Remove contaminated clothing. Wash area of contact with soap and water. Wash clothing before reuse. Get medical attention if irritation occurs and persists.
In Case of Eye Contact: Remove contact lenses. Flush with water until all traces of material are gone. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.
If Inhaled: Remove affected person from source of exposure. Get medical attention if breathing difficulty or discomfort persists.
If Swallowed: Do not induce vomiting because of danger of aspiration into lungs. If conscious, give a glass of water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, monitor for breathing difficulty. Get medical attention.
Most Important Symptoms and Effects – Immediate and Delayed: None known for this product.
Indication of Any Immediate Medical Attention and Special Treatment Needed: None known for this product.

Section 5 – Firefighting Measures

Extinguishing Media: Product does not burn. Use Alcohol Foam, CO_2, Water or Spray Fog as applicable for surrounding burning materials.
Special Hazards Arising from the Substance or Mixture: Use a water spray to cool fire-exposed containers, structures and to protect personnel.
Advice for Firefighters: Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment. Flush spills away from sources of ignition.
Further Information: Move or flush combustibles away from sources of ignition.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid breathing dust, vapors, mist or gas. Reclaim and recycle is preferred.
Environmental Precautions: Product does not lend itself to spills.
Methods and materials for containment and cleaning up
Product does not lend itself to spills. If breakage, clean up while avoiding generating dust.
Reference to other sections: For personal protection see section 8. For disposal see section 13.

Section 7 – Handling and Storage

Handling: This product is inert, nonreactive and non-toxic. Safety wear such as dust masks and glasses should be worn when high concentrations of dusts are generated through the product use. Avoid handling that generates dust build-up. Avoid inhalation of dust (see Section 8).
Storage: Product should be stored in a dry location at ambient temperatures below 100. Avoid contact with oxidizers. .

Section 8 – Exposure Control and Personal Protection

Control parameters
Components with workplace control parameters: Exposure limits are for air levels only. Skin contact can cause over exposure even with the following limits are met.
Alumina (1344-28-1): OSHA: The legal airborne permissible exposure limit (PEL) is 5 mg/m3 (as respirable dust) and 15 mg/m3 (as total dust) averaged over an 8-hour work shift. ACGIH: The threshold limit value (TLV) is 1 mg/m3 (as the respirable fraction) averaged over an 8-hour work shift.
Fugitive Dust: OSHA PEL 15 mg/m3 avg. 8-hr Shift NIOSH ACGIH 0.015 mg/m3 (as respirable faction) avg. 8-Hr Shift CAL/OSHA PEL 10 mg/m3 TWA.
Engineering Controls: Not normally needed except if product use creates nuisance dust requiring adequate ventilation respiratory protection describe below. The use of local exhaust ventilation is recommended to control emissions near the source. Provide appropriate ventilation of confined spaces. Use explosion-proof ventilation equipment.
Eye and Face Protection: Dust may cause mechanical irritation and dryness. Wear safety glasses.
Skin Protection: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Use impervious gloves to avoid cuts and skin injuries.
Respiratory Protection: High concentrations of dusts generated through product use may cause irritation to the eyes, nose, and throat. Inhalation of freshly generated metallic oxide may cause metal fume fever characterized by flu-like symptoms. Wear an appropriate respirator in accordance with 29CFR 1910.134 or CSA Standard Z94.4-M1982 for dust exposure that may exceed recommended limits. Personal air monitoring is recommended to determine whether exposure exceeds limits. If adequate ventilation is not possible, then a self-contained breathing apparatus or an air supplied respirator is recommended. Respiratory Protection using a NIOSH approved dust mask is recommended where dust creation is likely.

Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties
General Information
Form: Solid
Color: Silver and Yellow
Odor: None
Health, Safety and Environment Info
Boiling Point/Range: N/A
Flash Point: N/A
Auto Ignition Temp: N/A
Lower Flammability-Explosion Limit: N/A
Upper Flammability-Explosion Limit: N/A
Vapor Pressure (mm Hg@100°F): 0
Vapor Density (Air=1): As Water
Freezing Point/Melting Point: 2050ºC (3722ºF)
Solubility (Water): Complete
Specific Gravity (H_2O=1): 3
Evaporation Rate: None
Viscosity (SSU@ 100°F): N/A
pH: N/A
Other Information:
Volatility (v/v): N/A

Note: Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

Section 10 – Stability and Reactivity

Hazardous Reactions/Decomposition Products: Does not react under normal conditions of use.
Possibility of hazardous reactions: Stable under normal conditions of use.
Conditions to avoid: None known.
Incompatible materials: Avoid contact with strong oxidizers.

Hazardous decomposition products: May produce byproducts carbon dioxide and carbon monoxide.
Other decomposition products: None known.

Section 11 – Toxicological Information

General: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.
Acute and chronic toxicity - **Skin corrosion/irritation** – **Inhalation** - **Serious eye damage/eye irritation-Respiratory or skin sensitization** - **Germ cell mutagenicity** - **Reproductive toxicity** - **Specific target organ toxicity - single exposure** - **Specific target organ toxicity - repeated exposure** - **Aspiration hazard**: All no data available.
Carcinogenicity: Product not classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

Section 12 – Ecological Information

Ecotoxicity: This product is not characterized as a hazard to the environment.
Persistence and Biodegradability: Not Determined
Bioaccumulative Potential: Not Determined
Mobility in Soil: Not Determined

Section 13 – Disposal Consideration

US/RCRA Waste Disposal Methods: None of the ingredients are currently listed as a substance or a source waste under current RCRA regulations (40 CFR 261.31, 32 and 33). However, disposed of water solutions containing this material are the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous. Avoid repacking wet material in sealed containers. Dispose of waste material according to Local, State and Federal Environmental Regulations.

Section 14 – Transport Information

DOT Not Dangerous Goods

Section 15 – Regulatory Information

TSCA (Toxic Substance Control Act): Components of this product are listed on the TSCA Inventory.
DSL: This product, or its components, are listed on or are exempt from the Canadian Domestic Substances List (DSL).
Chemical Inventory Lists All ingredients are listed on TSCA and DSL
SARA Title III, Section 313 (40 CFR 372.65): Not regulated
SARA (311/312) Reportable Hazard Categories: None
State Right to Know Components: None
California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Canada: This product is not a controlled product under WHMIS.

Section 16 – Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

This SDS complies with the requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200