



## Safety Data Sheet

HIS GLASSWORKS

Product Name: Electroplated Nickel Diamond Disk

MSDS Date: 07/06/2023

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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Product Name: Electroplated Nickel Diamond Disk

Manufacturer: His Glassworks, Inc.  
2000 Riverside Drive, Suite 19  
Asheville, NC 28804  
800-914-7463

Emergency Phone number: ChemTel, Inc.  
Toll Free: 800-255-3924  
International: +813-248-0585

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### 2. HAZARDS IDENTIFICATION

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Emergency Overview      Grinding dust may cause respiratory, skin, and/or eye irritation  
Prolonged overexposure to dusts may cause lung damage  
Handle with adequate ventilation.



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## 2. COMPOSITION AND INFORMATION ON INGREDIENTS

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Component	CAS#
Nickel Metal	7440-02-0

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## 4. FIRST AID MEASURES

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Inhalation:	May cause coughing, wheezing and shortness of breath. Remove to fresh air, obtain medical help as needed
Skin Contact:	Not absorbed through skin. Obtain first aid or medial help for "nickel itch." Dermatitis may develop
Eye Contact:	May cause irritation of the eyes. Nickel can cause damage to corneas. Wash with large amounts of water, obtain medical help if needed.
Ingestion:	No known adverse effects.
Other potential health risks	Nickel has been associated with destruction of nasal tissues, asthmatic lung disease, and lung and nasal cancers.

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## 5. FIRE-FIGHTING MEASURES

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Flash Point:	N/A
Ignition temperature:	N/A
Lower explosion limit:	N/A
Upper explosion limit:	N/A
Suitable extinguishing media:	CO2, water, dry chemicals, foam

**His Glassworks, Inc. - Nickel Plated Diamond Disk SDS Sheets**  
**Revision Date 07/06/2023**

Specific hazards during fire fighting: Hydrogen gas, toxic gases and vapors (such as nickel carbonyl and oxides of nitrogen) may be released in a fire involving nickel or in decomposition of nickel compounds.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

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## **6. ACCIDENTAL RELEASE MEASURES**

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Clean up procedures: None. Normal housekeeping clean up procedures

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## **7. HANDLING AND STORAGE**

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### **Handling**

Handling: Normal storage and handling

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## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

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Protective Measures: Swarf generated with the use of this product should be disposed of according to Local, State, and Federal regulations

Engineering measures: Handle with adequate ventilation for nuisance dust;  
see OSHA 29CFR 1910.94 ventilation and CFR 1910-1000 (air contaminants) normal clean up procedures.

Eye protection: Recommended  
Wear safety glasses with side shields.

Hand protection: As desired by user

Skin and body protection: Aprons recommended

Respiratory protection: In case of sufficient ventilation wear suitable respiratory equipment.

Hygiene measures: When using, do not eat or drink or smoke.

Hygiene measures: Wash hands before breaks and immediately after handling the product.

Keep work clothes separate.

Remove and wash contaminated clothing before re-use.

Do not swallow.

Avoid breathing dust

Avoid contact with skin, eyes and clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Form:	Silver grey metallic
Odor:	Odorless
Molecular Weight:	NF
pH:	5.8-7.5
Melting point/range:	>2648°F, 1453°C
Boiling point/range:	>4926°F, 2730°C
Vapor pressure:	NF
Relative vapor density:	NF
Specific Gravity	8.9
Water solubility:	Insoluble

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## 10. STABILITY AND REACTIVITY

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Stability	Stable under recommended storage conditions.
Incompatibility	Strong acids, HCL, HNO3
Hazardous decomposition	Hydrogen gas, toxic gases and vapors (such as Nickel carbonyl and oxides of nitrogen) may be released in a fire involving nickel or in decomposition of nickel compounds

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## 11. TOXICOLOGICAL INFORMATION

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Eye	Contact with eyes will cause irritation
Skin	Not absorbed. Dermatitis may develop
Ingestion	Not known
Inhalation	Dust by-product of use may cause coughing, shortness of breath and wheezing

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## 12. ECOLOGICAL INFORMATION

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Not found

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## 13. DISPOSAL CONSIDERATIONS

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Observe all Federal, State and Local Environmental regulations for disposal of swarf generated by use of this product.

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## 14. TRANSPORT INFORMATION

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**DOT Classification:**

Not regulated

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## 15. REGULATORY INFORMATION

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OSHA Status	Not regulated
TSCA Status	Not regulated
California Prop 65	Nickel is a known carcinogen

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## 16. OTHER INFORMATION

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	HMIS III
Health:	1
Flammability	0
Reactivity:	0
Personal Protection	E