

SAFETY DATA SHEET

SECTION 1: Product and Company Identification

1.1. Product identifier

Product code Diamond D Diamond Spatulas – SPATX4003, SPATX4000, SPATX4001, SPATX4002
Issue date 30-May -2018
Version number 01

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cleaning, polishing, and burnishing

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier

Company name Martindale Electric Co.
Address 1375 Hird Avenue
Cleveland, OH 44107
Telephone 216-521-8567
Email sales@martindaleco.com

1.4. Emergency telephone

Number 216-521-8567

Section 1 notes: These spatulas are sold as articles and as such fall under the ‘article exemption’ in OSHA’s Hazard Communication Standard (29 CFR 1910.1200). The following information is provided in the event that any cutting or grinding with the part is undertaken.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin sensitization (Category 1), H317
Carcinogenicity (Category 2), H351
Specific target organ toxicity - repeated exposure (Category 2), H373

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H317 May cause an allergic skin reaction
H351 Suspected of causing cancer
H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapors/spray
P264 Wash face, hands and any exposed skin thoroughly after handling
P270 Do not eat, drink, or smoke when using this product
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P333+P313 If skin irritation or rash occurs: Get medical advice/attention

2.3. Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

| Chemical name | % Concentration | CAS-No. | Classification |
|---------------------------|-----------------|------------|---|
| Steel | <85 | N/A | |
| Diamond Abrasive | <10 | 7782-40-3 | |
| Cubic Boron Nitride | <10 | 10043-11-5 | |
| Nickel & Nickel Compounds | < 5 | 7440-02-0 | Skin Sens. 1 (H317) Carc. 2 (H351) STOT RE (H372) |

Full text of H- and EUH- phrases: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled:

If breathed in, move person into fresh air.

In case of skin contact:

Wash off with soap and plenty of water.

In case of eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

If swallowed:

Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed:

No information available.

4.3 Indication of any immediate medical attention and special treatment needed:

No information available

SECTION 5: Firefighting measures

5.1. Fire Hazard Data:

Autoignition: Not applicable

Flash Point: Not applicable

Flammability Limits (vol/vol%): Lower: Not applicable Upper: Not applicable

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Unusual Fire and Explosion Hazards: None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation.

For emergency responders: Use personal protection recommended in Section 8.

6.2 Environmental precautions:

Environmental precautions: See section 12 for additional Ecological Information.

6.3 Methods and materials for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4 Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Ensure adequate ventilation.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s):

Risk Management Methods (RMM): The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Component | CAS-No. | Value | Control parameters | Basis |
|---------------------------|-----------|-------|-------------------------|---------------------------------|
| Nickel & Nickel Compounds | 7440-02-0 | TWA | 0.2 mg/m ³ | ACGIH TLV – insoluble compounds |
| | | TWA | 1 mg/m ³ | OSHA PEL |
| | | TWA | 0.015 mg/m ³ | NIOSH REL – as Nickel |

8.2. Exposure controls

Appropriate Engineering Controls:

Showers
Eyewash stations
Ventilation systems.

Personal Protective Equipment:

Eye/face protection: Wear safety glasses with side shields (or goggles).

Hand protection: Wear suitable gloves.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: No protective clothing is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls: No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|----------------|
| a) Appearance | Form: solid |
| b) Odor | not applicable |
| c) Odor Threshold | not applicable |
| d) pH | not applicable |
| e) Melting point/freezing point | not applicable |

- f) Initial boiling point and boiling range not applicable
- g) Flash point non-combustible
- h) Evaporation rate not applicable
- i) Flammability (solid, gas) not applicable
- j) Upper/lower flammability or explosive limits not applicable
- k) Vapor pressure not applicable
- l) Vapor density not applicable
- m) Relative density not applicable
- n) Water solubility slightly soluble
- o) Partition coefficient: n-octanol/water not applicable
- p) Auto-ignition temperature not applicable
- q) Decomposition temperature not applicable
- r) Viscosity not applicable
- s) Explosive properties not applicable
- t) Oxidizing properties not applicable

9.2. Other safety information
no data available

SECTION 10: Stability and reactivity

- 10.1 Reactivity
Not reactive.
- 10.2 Chemical stability
Stable.
- 10.3 Possibility of hazardous reactions
None under normal processing.
- 10.4 Conditions to avoid
None known based on information supplied.
- 10.5 Incompatible materials
None known based on information supplied.
- 10.6 Hazardous decomposition products
None known based on information supplied.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhalation: No data available

Eye contact: No data available

Skin contact: No data available

Ingestion: No data available

Symptoms: May cause allergic skin reaction

Acute toxicity: No data available

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available.

Respiratory or skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: No data available.

Carcinogenicity:

| Chemical Name | ACGIH | IARC | NTP |
|-----------------|-----------------|-----------------------|---------------------|
| Nickel & Nickel | Confirmed human | Possibly carcinogenic | Known to be a human |

Compounds CAS 7440-02-0 carcinogen to humans carcinogen

Reproductive toxicity: No data available

Specific target organ toxicity -single exposure: No data available

Specific target organ toxicity - repeated exposure; May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: No data available

SECTION 12: Ecological information

12.1 Toxicity Ecotoxicity

| Chemical | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|----------|---|--|----------------------------|---|
| Nickel | 0.18: 72h Pseudokirchneriella Subcapitata mg/L EC50 0.174 – 0.311: 96 h Pseudokirchneriella Subcapitata mg/L EC 50 Static | 100: 96 h Brachydanio rerio mg/L LC50 10.4: 96 h Cyprinus carpio mg/L LC50 static 1.3: 96 h Cyprinus carpio mg/L LC50 semi-static | - | 1: 48 h Daphnia magna mh/L EC50 Static 100: 48 h Daphnia magna mg/L EC50 |

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: No data available.

12.6 Other adverse effects: No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods: Waste from residues/unused products: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

13.2. Contaminated packaging: Do not reuse empty containers.

SECTION 14: Transport information

| | |
|-----------------|---------------------|
| DOT (US) | Not dangerous goods |
| IMDG | Not dangerous goods |
| IATA | Not dangerous goods |
| Packaging group | Not regulated |

SECTION 15: Regulatory information

SARA 313

SARA 313: Section 313 of Title III of the Superfund Amendments and the Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical Name | SARA 313 – Threshold Values % |
|---------------|-------------------------------|
|---------------|-------------------------------|

| | |
|----------------------|-----|
| Nickel CAS 7440-02-0 | 0.1 |
|----------------------|-----|

SARA 311/312 Hazards

| | |
|------------------------------------|-----|
| Acute health hazard- | Yes |
| Chronic health hazard- | Yes |
| Fire hazard- | No |
| Sudden release of pressure hazard- | No |
| Reactive hazard- | No |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical Name | CWA-Reportable Quantities | CWA Toxic Pollutants | CWA Priority Pollutants | CWA- Hazardous Substances |
|----------------------|---------------------------|----------------------|-------------------------|---------------------------|
| Nickel CAS 7440-02-0 | - | X | X | - |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Chemical Name | Hazardous Substance RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|----------------------|-------------------------|----------------|---|
| Nickel CAS 7440-02-0 | 100 lb | - | RQ 100 lb final RQ RQ 45.4 kg final RQ |

US State Regulations

California Prop. 65

This product contains the following Proposition 65 chemicals.

| Chemical Name | California Proposition 65 |
|----------------------|---------------------------|
| Nickel CAS 7440-02-0 | Carcinogen |

U.S. State Right-to-Know Regulations

US State Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------|------------|---------------|--------------|
| Nickel | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number- Not applicable

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

| | |
|------------|---|
| Skin Sens. | Skin sensitization |
| Carc. | Carcinogenicity |
| STOT RE | Specific target organ toxicity – repeated exposure |
| H317 | May cause an allergic skin reaction. |
| H351 | Suspected of causing cancer. |
| H372 | Causes damage to lungs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure if inhaled. |

HMIS Rating

| | |
|------------------------|----|
| Health Hazard: | 2* |
| Chronic Health Hazard: | * |
| Flammability: | 0 |
| Physical Hazard: | 0 |

NFPA Rating

| | |
|--------------------|---|
| Health Hazard: | 2 |
| Fire Hazard: | 0 |
| Reactivity Hazard: | 0 |

Further Information

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. Martindale Electric Co. and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation Information

Martindale Electric Co.
216-521-8567