



SAFETY DATA SHEET

STAINLESS STEEL AND OTHER ARTICLES

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Product Name: All **M-D PRO** Stainless Steel Trim. Although products vary in terms of physical properties or other characteristics, safety and handling precautions are similar for all.

Product Use: Ceramic Tile Trim and Carpet Trim

Manufacturer: M-D PRO, a division of M-D Building Products
5720 Ambler Drive
Mississauga, ON
L4W 2B1
1-800-565-6653

SECTION 2 – HAZARDS IDENTIFICATION

As defined in OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed above are considered articles and do not require a SDS. In addition, articles are not included in the scope of the Global Harmonization System (GHS). As such, the GHS labeling elements are not included in this SDS. All components listed for these products are bound within the product. When handled as intended and under normal condition of use, there is no evidence that any of the ingredients are released in amounts that pose a health risk. Although these products are not subjects to the OSHA Standard or GHS labeling elements, M-D PRO would like to disclose as much health and safety information as possible to ensure that products are handled and used properly.

| | | LABEL ELEMENTS | | PRECAUTIONARY STATEMENT |
|--|----------------|-------------------------|------|---|
| Physical Hazards | Not classified | Hazard Symbol | None | Prevention Observe good industrial practice |
| Health Hazards | Not classified | Signal Word | None | Response Wash hands after handling |
| OSHA defined Hazards | Not classified | Hazard Statement | None | Storage Store away from incompatible material |
| Hazards not otherwise Classified (HNOC) | Not classified | | | Disposal Dispose waste and residue according to the local authority requirements |

SECTION 3 – HAZARDOUS INGREDIENTS: COMPOSITION INFORMATION

These products are not expected to produce any hazards during normal use. Direct contact may irritate the skin or eyes. Edges may be sharp. Handle with caution.

Complete composition provided below and include components classified as non-hazardous

| INGREDIENT | CAS | % WEIGHT |
|---------------|-----------|----------|
| Iron (Fe) | 7439-89-6 | 45-70% |
| Chromium (Cr) | 7440-47-3 | 18-20% |



| | | |
|-----------------|------------|----------|
| Nickel (Ni) | 7440-02-0 | 8-12% |
| Molybdenum (Mo) | 7439-98-7 | < 3% |
| Manganese (Mn) | 7439-96-5 | 0 - 2% |
| Copper (Cu) | 7440-50-8 | < 0.75% |
| Titanium (Ti) | 13463-67-7 | < 6% |
| Carbon (C) | 7440-44-0 | < 0.08% |
| Aluminum (Al) | 7429-90-5 | < 1% |
| Phosphorus (P) | 7723-14-0 | < 0.045% |
| Silicon (Si) | 7440-21-3 | < 1% |
| Niobium (Nb) | 7440-03-1 | < 2% |
| Tantalum (Ta) | 7440-25-7 | < 0.8% |
| Tin (Sn) | 7440-31-5 | < 2% |
| Cobalt (Co) | 7440-48-4 | < 2% |
| Lead (Pb) | 7439-92-1 | < 0.1% |

SECTION 4 – FIRST AID MEASURES

General information: Dust and fumes from processing only

Inhalation: Inapplicable to the solid product due to the physical size and dimensions of the products. Dust and fumes from processing: Remove to fresh air, if breathing is difficult provide oxygen. Consult a physician.

Eye Contact: Inapplicable to the solid product except for a mechanical injury. Dust/small particles from sawing or other mechanical processes may affect eyes if not protected. Rinse eyes with plenty of water or saline for at least 15 minutes. Consult a physician.

Skin Contact: Inapplicable to the solid product except for a mechanical injury. Dust from processing wash with soap and water. Get medical attention if irritation develops.

Ingestion: Not likely, due to the solid form of the products.

Most important: Dust from processing: irritation to eyes, respiratory system and skin. May produce an allergic reaction. Heating above the melting point releases metallic oxides which may cause metal symptoms/effects, acute and delayed fume fever by inhalation. The symptoms are shivering, fever, malaise and muscular pain.

Indication of immediate: Treat symptomatically

medical attention and special treatment needed

Flash Point: N/A

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point Method: N/A

Auto Ignition Temperature: N/A

LEL: No data

UEL: No data

Extinguishing Media: Use what is appropriate for surrounding fire. For molten metal use dry powder or sand. Do not use water on molten metal.

Fire or Explosion Hazards: May release hazardous fumes during a fire.



Protective Measure for Firefighters: Wear a NIOSH/MSHA approved self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode and full protective clothing to protect against potentially toxic and irritating fumes.

General Fire Hazards: These products do not present fire or explosive hazards as shipped.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency procedure: Avoid generating dust. Avoid contact with sharp edges or heated metal. For spills of dust or small particles use vacuum or wet sweep

Methods and materials for Containment and cleaning up: Collect products and bundle or secure properly. Broken parts may be sharp, gloves and eyes protections are recommended.

Environmental Precautions: None

SECTION 7 – HANDLING AND STORAGE

Handling Precautions: Wear appropriate protective equipment when handling material. Avoid generating dust, keep material dry.

Condition for Safe Storage, including any incompatibilities: Store in appropriate dry storage area. Incompatible materials: Strong Acids (such as Sulfuric, Hydrochloric, Nitric).

SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE/ PERSONAL PROTECTION

Occupational exposure limits

US OSHA

| Components | Type | Value | Form |
|---------------------------------------|---------|--|-----------------------------------|
| Aluminum CAS 7429-90-5 | TWA | 5mg/m ³ 15mg/m ³ | Respirable fraction Total dust |
| Chromium CAS 7440-47-3 | TWA | 1mg/m ³ | |
| Copper CAS 7440-50-8 | TWA | 1mg/m ³ 0.1mg/m ³ | Dust and mist Fume |
| Manganese CAS 7439-96-5 | Ceiling | 5mg/m ³ | Fume |
| Nickel (as impurity) CAS 7440-02-0 | TWA | 1mg/m ³ | |
| Silicon CAS 7440-21-3 | TWA | 5mg/m ³ 15mg/m ³ | Respirable fraction Total dust |
| Lead (as impurity) CAS 7439-92-1 | TWA | 0.05mg/m ³ | |

Eye protection: When cutting, wear safety glasses or goggles to prevent particles from being projected into eyes.



Skin protection: During handling wear gloves.

Handle in accordance with good industrial hygiene and safety practice.

Biological limit value: None

Engineering Controls: If dust and fumes are generated through processing use adequate ventilation

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--|------------|----------------------------|------------------------------|
| Appearance | Solid | Boiling Point | N/A |
| Odor | Odorless | Melting Point | 2700 °F (degrees Fahrenheit) |
| Odor Threshold | N/A | Flash Point | N/A |
| Acidity Alkalinity | N/A | Auto Ignition | N/A |
| Specific Gravity (H₂O=1) | Approx.. 8 | Solubility in Water | Insoluble |
| Vapor Pressure | N/A | | |

SECTION 10- STABILITY AND REACTIVITY

Reactivity: These products are non-reactive under normal condition of use, storage and transport.

Chemical Stability: Stable under normal condition.

Possibility of hazardous reaction: None under normal condition.

Incompatible Materials: Strong Acid: reaction to generate explosive hydrogen gas.

Conditions to Avoid: Avoid processes in non-ventilated such as cutting, welding or brazing, avoid generating of airborne dust and fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Decomposition Products: No hazardous decomposition products are known.

Dust, fines and fumes: Low health risk by inhalation.

Generally considered inert (milling, cutting, grinding)

Information on likely root of exposure

| | | | |
|-----------------------|---|--------------------------------|---|
| Ingestion | Not relevant due to form of the product | Skin Contact | Dust from mechanical processing |
| Inhalation | Dust from mechanical processing | Chronic effects | Dust from mechanical processing: chronic overexposure can cause lung or nasal cancer, lung disease. |
| Acute Toxicity | No data | Reproductive Toxicity | Product as shipped is not hazard. Dust from processing can present reproductive hazard |
| Sensitization | Dust from mechanical processing | Teratogenicity | No data |
| Mutagenicity | No data | Specific Target Organs- | No data |



| | | | |
|--------------------------------|--|---|--|
| | | Single Exposure | |
| Developmental Fertility | No data | Specific Target Organs-Repeated Exposure | Dust/fumes from processing causes damage by inhalation |
| Carcinogenicity | Product as shipped is not hazard. Dust from processing can present cancer hazard | Aspiration Hazard | No data |

SECTION 12 – ECOLOGICAL INFORMATION

Eco toxicity: No Information available.

Persistence and Degradability: These products contain inorganic compounds which are not biodegradable.

Bioaccumulation: These products are not bio accumulating.

Mobility: Not mobile.

Other adverse effects: No Information available

SECTION 13 – DISPOSAL CONSIDERATION

Waste Treatment methods

Disposal of Waste: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Dispose on accordance with federal, state and local regulations

SECTION 14 – TRANSPORT INFORMATION

Proper shipping name: Not regulated

Hazard Class: Not regulated

Identification Number: Not regulated

Shipping Label: Not regulated

Packaging Group: Not regulated

SECTION 15 – REGULATORY INFORMATION

There is no safety, health or environmental regulations specific to these products



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| SECTION 16 – OTHER INFORMATION |
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Revision date: 11/02/2016

Date of Previous (M)SDS: 8/04/2009

Changes since previous (M)SDS: Revise to SDS format

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