# md PRO

# **Finished Trims**

#### Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Issue date: 6/19/2023 Revision date: 6/19/2023

Version: 1.0

#### **SECTION 1: Identification**

#### 1.1. Identification

Product form : Article
Product name : Finished Trims

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Ceramic Tile Trim and Carpet Trim

#### 1.3. Supplier

Manufacturer Distributor

M-D PRO M-D Building Products
5720 Ambler Drive 4041 North Santa Fe
Mississauga, ON L4W 2B1 - Canada Oklahoma City, OK 73118 - USA

T 1-800-565-6653 T 1 (800) 654-8454

#### 1.4. Emergency telephone number

Emergency number : 1-800-565-6653

#### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Manufactured Article: GHS classification and labelling not applicable. This product is exempt from classification and labelling as per C.F.R. 1910.1200(b)(6)(v) and the Hazardous Products Act, Paragraph 12(i).

#### GHS classification

This product is not hazardous under normal conditions of use. The information throughout this document is in regards to the dust that may be generated during the processing (cutting, sanding, grinding etc.) of the product.

#### 2.2. GHS Label elements, including precautionary statements

#### **GHS labelling**

No labelling applicable

#### 2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : Use care during processing to minimize generation of dust which may be hazardous.

#### 2.4. Unknown acute toxicity

Not applicable

#### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

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# 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Aluminum	aluminium powder (stabilised) Aluminium / Aluminium metal / Aluminium, metal / Aluminum metal / Aluminum, elemental / Aluminum, metal / C.I. 77000 / CI 77000 / Aluminium powder (stabilised) / Aluminium powder (stabilized) / Aluminium powder / Pigment Metal 1 / Aluminum powder / aluminum / Aluminum powder (pigment metal 1) / Aluminium metal, powder	CAS-No.: 7429-90-5	80 – 100
Titanium Dioxide	Titanium Dioxide C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO2) / CI 77891 / Titanium(IV) oxide / C.I. Pigment White 7 / Pigment White 6 / Titanium oxide	CAS-No.: 13463-67-7	0 – 60
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)-	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)-Triglycidyl-s-triazinetrione / 1,3,5-Tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione / 1,3,5-Tris(2,3-epoxypropyl)hexahydro-1,3,5-triazine-2,4,6-trione / 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-oxiranylmethyl)- / TGIC / 1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione / 1,3,5-Triglycidyl-s-triazinetrione / Triglycidyl isocyanurate / s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2,3-epoxypropyl)- / Isocyanurate, tris(2,3-epoxypropyl) / Tris(2,3-epoxypropyl) isocyanurate / 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-triazinane-2,4,6-trione / 1,3,5-Triglycidyl-s-triazinetrione, 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione / 1,3,5-Triglycidyl-s-triazine-2,4,6-trione	CAS-No.: 2451-62-9	0 – 7
Carbon black	Carbon black C.I. 77266 / C.I. Pigment Black 6 / C.I. Pigment Black 7 / Lampblack / Vegetable carbon / Microjet Black CW / Pigment Black 7 / Coal soot / Channel black / Bonjet Black CW / CARBON BLACK / D and C Black No. 2 / Carbon Black / Acetylene black / CI 77266 / D and C Black No. 4	CAS-No.: 1333-86-4	0 – 5
Silicon	Silicon Silicon powder, amorphous / SILICON / silicon / Silicon powder	CAS-No.: 7440-21-3	1 – 5
Manganese	Manganese Manganese, elemental / Manganese metal / manganese	CAS-No.: 7439-96-5	0.5 – 1.5
Mica-group minerals	Mica-group minerals Mica dust / Mica group minerals / Silicates, mica / C.I. 77019 / Mica-group minerals / MICA / C.I. Pigment White 20 / Pigment White 20	CAS-No.: 12001-26-2	0 – 1.5

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Name	Chemical name / Synonyms	Product identifier	%
Copper	Copper Copper, metallic / Pigment Metal 2 / Copper metal / Cl 77400 / Copper, elemental / C.I. Pigment Metal 2 / C.I. 77400 / Granulated copper / copper / Copper, granulated	CAS-No.: 7440-50-8	1 – 5
Lead	Lead Lead, elemental / Lead metal / C.I. Pigment Metal 4 / C.I. 77575	CAS-No.: 7439-92-1	0.1 – 1

The concentrations listed represent actual ranges that result from batch variability.

#### **SECTION 4: First-aid measures**

#### 4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. Heating above the melting point releases metallic oxides which may cause metal acute and delayed fume fever by inhalation.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before

reuse. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Not a normal route of exposure, May result in obstruction and irritation if ingested. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Dust may cause respiratory tract irritation.

Symptoms/effects after skin contact : Dust may cause skin irritation. Repeated exposure may cause skin dryness or cracking. May

cause an allergic skin reaction.

Symptoms/effects after eye contact : Dust may cause eye irritation. Symptoms may include discomfort or pain, excess blinking and

tear production, with possible redness and swelling.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and

diarrhea.

#### 4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### **SECTION 5: Fire-fighting measures**

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Class D extinguisher. Water spray.

Unsuitable extinguishing media : Halogenated extinguisher. Do not use water on molten metal as explosion hazard could result.

# 5.2. Specific hazards arising from the chemical

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Metal oxides.

Explosion hazard : Dust may form explosive mixture in air. An explosion may occur when molten metal is contacted

by water.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory

protection (SCBA).

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#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment

: Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up

: Pick up large pieces, then place in a suitable container. Broken parts may be sharp, gloves and eyes protections are recommended. Molten, heated and cold aluminum look alike; do not touch unless you know it is cold.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling

: Avoid contact with skin and eyes. Avoid generating and breathing dust. Do not swallow. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Use non-sparking tools.

Hygiene measures

: Wash contaminated clothing before reuse. Wash hands, forearms and face thoroughly after handling.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures

: Ground/bond container and receiving equipment. Take precautionary measures against static discharge.

Storage conditions

: Keep out of the reach of children. Store in a dry place. Avoid temperature above 400 °F / 204.4 °C.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### **Finished Trims**

No additional information available

#### IISA - ACGIH - Occupational Exposure Limits

USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	1 mg/m³ (respirable particulate matter)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	

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Aluminum (7429-90-5)		
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1]	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	10 mg/m³ (total dust) 5 mg/m³ (respirable dust)	
Silicon (7440-21-3)		
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1]	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	10 mg/m³ (total dust) 5 mg/m³ (respirable dust)	
Manganese (7439-96-5)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	0.1 mg/m³ (inhalable particulate matter)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL C	5 mg/m³ (fume)	
USA - IDLH - Occupational Exposure Limits		
IDLH	500 mg/m³	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	1 mg/m³ (fume)	
NIOSH REL STEL	3 mg/m³	
Copper (7440-50-8)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	0.2 mg/m³ (fume)	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1]	0.1 mg/m³ (fume) 1 mg/m³ (dust and mist)	
USA - IDLH - Occupational Exposure Limits		
IDLH	100 mg/m³ (dust, fume and mist)	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	1 mg/m³ (dust and mist) 0.1 mg/m³ (fume)	
Lead (7439-92-1)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	0.05 mg/m³	
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans	

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Lead (7439-92-1)		
USA - ACGIH - Biological Exposure Indices		
BEI	200 μg/l Parameter: Lead - Medium: blood - Sampling time: not critical (Note: Persons applying this BEI are encouraged to counsel female workers of child-bearing age about the risk of delivering a child with a PbB (lead in blood level) over the current CDC reference value.)	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1]	50 μg/m³	
Remark (OSHA)	Lead is subject to the standard 29 CFR 1910.1025, which may contain specific requirements for handling including protective equipment, regulated areas, monitoring and medical surveillance. The employer should review the standard and assure compliance with applicable requirements.	
USA - IDLH - Occupational Exposure Limits		
IDLH	100 mg/m <sup>3</sup>	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	0.05 mg/m³	
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris	s(oxiranylmethyl)- (2451-62-9)	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	0.05 mg/m³	
Titanium Dioxide (13463-67-7)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	0.2 mg/m³ (nanoscale respirable particulate matter) 2.5 mg/m³ (finescale respirable particulate matter)	
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1]	15 mg/m³ (total dust)	
USA - IDLH - Occupational Exposure Limits		
IDLH	5000 mg/m³	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	2.4 mg/m³ (CIB 63-fine) 0.3 mg/m³ (CIB 63-ultrafine, including engineered nanoscale)	
Mica-group minerals (12001-26-2)		
USA - ACGIH - Occupational Exposure Limits		
Local name	Mica	
ACGIH OEL TWA	0.1 mg/m³ (respirable particulate matter)	
Remark (ACGIH)	TLV® Basis: Pneumoconiosis	
Regulatory reference	ACGIH 2020	
USA - OSHA - Occupational Exposure Limits		
Local name	Mica (Silicates (less than 1% crystalline silica))	
OSHA PEL TWA [1]	20 mppcf (<1% Crystalline silica-respirable dust)	
OSHA PEL TWA [2]	20 mppcf	

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Mica-group minerals (12001-26-2)		
Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts	
USA - IDLH - Occupational Exposure Limits		
IDLH	1500 mg/m³ (containing <1% quartz)	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	3 mg/m³ (containing <1% Quartz-respirable dust)	
Carbon black (1333-86-4)		
USA - ACGIH - Occupational Exposure Limits		
Local name	Carbon black	
ACGIH OEL TWA	3 mg/m³ (inhalable particulate matter)	
Remark (ACGIH)	TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)	
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans	
Regulatory reference	ACGIH 2020	
USA - OSHA - Occupational Exposure Limits		
Local name	Carbon black	
OSHA PEL TWA [1]	3.5 mg/m³	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
USA - IDLH - Occupational Exposure Limits		
IDLH	1750 mg/m³	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	3.5 mg/m³ 0.1 mg/m³ (Carbon black in presence of Polycyclic aromatic hydrocarbons)	

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

Hand protection:	
Wear suitable gloves	
Eye protection:	
Safety glasses or goggles are recommended when using product.	

# Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Wear appropriate approved dust mask or filtering facepiece when permissible exposure limits may be exceeded. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

#### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Extruded Solid.

Colour : Gold, Black, Griege, Grey, Titanium, White

Odour : Odourless
Odour threshold : No data available
pH : No data available

Melting point : 440 – 1215 °F / 226.667 - 657.222 °C

Freezing point : No data available
Boiling point : No data available
Flash point : No data available

Relative evaporation rate (butylacetate=1) : 0

: No data available Flammability (solid, gas) Vapour pressure : 0 kPa (0 mm Hg) Relative vapour density at 20 °C : No data available Density : No data available Relative density : 2.5 – 2.9 (H2O=1) Solubility : Water: Insoluble Partition coefficient n-octanol/water : No data available Auto-ignition temperature : No data available : No data available Decomposition temperature Viscosity, kinematic : No data available : No data available Viscosity, dynamic Explosive limits : No data available Explosive properties : No data available Oxidising properties : No data available

#### 9.2. Other information

Solids content : 100%

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Dust formation. Incompatible materials.

#### 10.5. Incompatible materials

Strong oxidizers. Acids. Alkalis. Halogenated compounds. Iron oxide. Metal oxides. Water.

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#### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Metal oxides.

#### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not applicable Acute toxicity (dermal) : Not applicable Acute toxicity (inhalation) : Not applicable Skin corrosion/irritation : Not applicable : Not applicable Serious eye damage/irritation Respiratory or skin sensitisation : Not applicable Germ cell mutagenicity : Not applicable : Not applicable Carcinogenicity Reproductive toxicity : Not applicable STOT-single exposure : Not applicable STOT-repeated exposure : Not applicable Aspiration hazard : Not applicable

Symptoms/effects after inhalation : Dust may cause respiratory tract irritation.

Symptoms/effects after skin contact : Dust may cause skin irritation. Repeated exposure may cause skin dryness or cracking. May

cause an allergic skin reaction.

Symptoms/effects after eye contact : Dust may cause eye irritation. Symptoms may include discomfort or pain, excess blinking and

tear production, with possible redness and swelling.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and

diarrhea.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

#### 12.2. Persistence and degradability

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Persistence and degradability Not established.

#### 12.3. Bioaccumulative potential

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Bioaccumulative potential Not established.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : No other effects known.

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#### **SECTION 13: Disposal considerations**

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

#### **SECTION 14: Transport information**

In accordance with DOT / TDG

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

#### 14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

**TDG** 

Transport hazard class(es) (TDG) : Not applicable

#### 14.4. Packing group

Packing group (DOT) : Not applicable Packing group (TDG) : Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

#### DOT

No data available

#### **TDG**

No data available

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### **SECTION 15: Regulatory information**

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

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#### 15.2. International regulations

No additional information available

#### 15.3. US State regulations



This product can expose you to Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

#### **SECTION 16: Other information**

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Revision date : 6/19/2023 Other information : None.

Prepared by : Nexreg Compliance Inc.

www.Nexreg.com



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