



## SAFETY DATA SHEET

### FLEXIBLE VINYL EXTRUSIONS

#### SECTION I - PRODUCT AND COMPANY IDENTIFICATION

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

**Product Use:** Vinyl Trim and Carpet Trim

**Manufacturer:** M-D PRO  
1575 South Gateway Road, Unit A & B  
Mississauga, ON  
L4W 5J1  
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
<b>Physical Hazards</b>	Not classified	<b>Hazard Symbol</b>	None	<b>Prevention</b> Observe good industrial practice
<b>Health Hazards</b>	Not classified	<b>Signal Word</b>	None	<b>Response</b> Wash hands after handling
<b>OSHA defined Hazards</b>	Not classified	<b>Hazard Statement</b>	None	<b>Storage</b> Store away from incompatible material
<b>Hazards not otherwise Classified (HNOC)</b>	Not classified			<b>Disposal</b> Dispose waste and residue according to the local authority requirements

**Note:** Toxic and irritating gases and fumes may be result of thermal decomposition

#### SECTION 3 – HAZARDOUS INGREDIENTS: COMPOSITION INFORMATION

The components of these products are embedded in an impervious polymer matrix and therefore are not biologically available. Any hazardous constituents are fixed in the polymer matrix and therefore present a negligible exposure risk under normal conditions of use, processing and handling.

INGREDIENT	% WEIGHT	PEL OSHA	TLV-ACGH	NIOSH REL
PVC Homopolymer CAS 9002-86-2	≥ 80 %	N/A	N/A	N/A
Organo-Barium-Zinc CAS 8052-41-3	≤ 9%	N/A	N/A	N/A



Limestone Dust CAS 1317-65-3	≤ 9%	N/A	N/A	N/A
Di-sec-octyl Phthlate CAS 117-81-7				
Quartz CAS 14808-60-7	≤ 2%	N/A	N/A	N/A

#### SECTION 4 – FIRST AID MEASURES

Toxic fumes may be produced by combustion or high temperature decomposition. If these products are melted, material may emit fumes and vapors that are irritating to the eyes, skin and upper respiratory tract.

**Inhalation:** Inapplicable to the solid product due to the physical size and dimensions of the products. In case of inhaling of fumes from heated product, move to the fresh air, get medical attention if any discomfort continues.

**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. Fumes emitted during combustion can cause irritation to the eyes. Flush with water and treat symptomatically.

**Skin Contact:** Inapplicable to the solid product except for a mechanical injury. Fumes emitted during combustion can cause irritation to the skin. Flush exposed areas thoroughly with water. If irritation persists, get medical attention. Cool skin rapidly with cool water after contact with molten polymer. Get immediate medical attention.

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

**Most important:** No specific symptoms noted. Molten material will produce thermal burns.  
**symptoms/effects,**  
**acute and delayed**

**Indication of immediate:** Treat symptomatically  
**medical attention and**  
**special treatment needed**

#### SECTION 5 - FIRE-FIGHTING MEASURES

**Flash Point:** N/A

**Flash Point Method:** N/A

**Auto Ignition Temperature:** N/A

**LEL:** No data

**UEL:** No data

**Extinguishing Media:** Water (most effective), foam, or dry chemical. Do not use CO2 because of lack of cooling capacity.

**Fire or Explosion Hazards:** Solid does not readily release flammable vapor. Thermal decomposition liberates hydrogen chloride in addition to typical combustion gases such as carbon monoxide.

**Protective Measure for Firefighters:** Because fire may produce toxic thermal decomposition products, wear a NIOSH/MSHA approved self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode



**Special Protective Actions for Firefighters:** In the case of fire promptly isolate the scene by removing all persons from vicinity of the incident. No action shall be taken involving any personal risk or without suitable training.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and emergency procedure:** No special equipment required. Observe good industrial practices

**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.

**Condition for Safe Storage, including any incompatibilities:** Store in appropriate storage area

## SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE/ PERSONAL PROTECTION

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

No skin protection is ordinary required under normal condition of use.

Handle in accordance with good industrial hygiene and safety practice.

**Biological limit value:** None

**Engineering Controls:** None

**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

<b>Appearance</b>	Extruded Solid	<b>Boiling Point</b>	N/A
<b>Odor</b>	Odorless	<b>Melting Point</b>	221 – 410 °F (degrees Fahrenheit)
<b>Odor Threshold</b>	N/A	<b>Flash Point</b>	N/A
<b>Acidity Alkalinity</b>	N/A	<b>Auto Ignition</b>	N/A
<b>Specific Gravity (H<sub>2</sub>O=1)</b>	1.17 to 1.75	<b>Solubility in Water</b>	Slight/Negligible (Considered Insoluble)
<b>Vapor Pressure</b>	N/A		



## SECTION 10- STABILITY AND REACTIVITY

**Reactivity:** These products are non-reactive under normal condition of use.

**Chemical Stability:** Stable under normal condition.

**Possibility of hazardous reaction:** None under normal condition..

**Incompatible Materials:** Strong oxidizing agents

**Conditions to Avoid:** Avoid contact with incompatible material.

**Hazardous Decomposition Products:** Oxides of carbon, Hydrogen chloride, Hydrocarbons.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Information on likely root of exposure

Ingestion	Not relevant due to form of the product	Skin Contact	No data
Inhalation	Stable under normal condition	Condition to avoid	None
Acute Toxicity	No data	Reproductive Toxicity	No data
Sensitization	No data	Teratogenicity	No data
Mutagenicity	No data	Specific Target Organs-Single Exposure	No data
Developmental Fertility	No data	Specific Target Organs-Repeated Exposure	No data
Carcinogenicity	No data	Aspiration Hazard	No data

## SECTION 12 – ECOLOGICAL INFORMATION

**Eco toxicity:** No Information available.

**Persistence and Degradability:** No Information available

**Bioaccumulation:** No Information available

**Mobility:** No Information available

**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

#### **SECTION 16 – OTHER INFORMATION**

**Revision date:** 11/02/2016

**Date of Previous (M)SDS:** 4/04/2009

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

While M-D PRO, believes that the data contained herein is accurate and derived from qualified sources, the data is not to be taken as a warranty or representation for which M-D PRO assumes legal responsibility. It is offered solely for your consideration, investigation and verification. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, State and local laws and regulations.