



## **SAFETY DATA SHEET** - Argyle Materials - F380/450mc Foundations

Issue Date: 12-12-2019 Revision Date: 12-12-2024 Revision Number 1

### **1. Identification of the Substance/Preparation and of the Company/Undertaking**

#### **Product Identifier**

**Product Name** Foundation Sheet - Polycarbonate

#### **Other Means of Identification**

**Product Code(s)** Foundation F380-450mc  
**Synonyms** None

#### **Recommended use of the chemical and restrictions on use**

**Recommended Use** 3D Printing and Additive Manufacturing  
**Uses Advised Against** No information available

#### **Details of the supplier safety datasheet**

##### **Manufacturer Address**

Argyle Materials headquarters Canada  
141 Reach St, #9  
Uxbridge, Ontario, L9P 1L3  
Canada  
Local 1-905-852-0004  
Phone 1-855-527-4953 x3

##### **Emergency telephone number**

**Emergency Telephone** 1-905-852-0004 x3 - Americas  
**Email Address** [support@argylematerials.com](mailto:support@argylematerials.com)

### **2. Hazards Identification**

#### **Classification**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **Label elements**

This product contains no substances which at their given concentration are considered to be hazardous to health.

**Appearance** Natural color **Physical State** Solid (compressed) **Odor** None

#### **Hazards not otherwise classified (HNOC)**

Not applicable

#### **Other Information**

Not applicable

**Unknown acute toxicity** 100% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

#### Mixture

Chemical Name	CAS No.	Weight-%	Proprietary
Polycarbonate	25037-45-0	100	No

### 4. First Aid Measures

#### Description of first aid measures

<b>Inhalation</b>	Remove to fresh air
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting upper and lower eyelids. Consult Physician
<b>Skin Contact</b>	Wash skin with soap and water
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically

### 5. Fire Fighting Measures

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable Extinguishing Media** **CAUTION;** Use of water spray when firefighting may be inefficient

**Specific hazards arising from the chemical** No information available

<b>Explosion Data - Sensitivity to Mechanical Impact</b>	None
<b>Sensitivity to Static Discharge</b>	None

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment

### 6. Accidental Release Measures

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

**Personal precautions** Ensure adequate ventilation

#### Environmental precautions

**Environmental precautions** See section 12 for additional Ecological information

**Methods and material for containment and cleaning up**

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

**Methods for cleaning up** Pick-up and transfer to properly labelled containers

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

**7. Handling and Storage**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool, well ventilated place

**8. Exposure Controls/Personal Protection**

**Control parameters**

**Exposure Limits** The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety datasheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash Stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment is required

**Skin and body protection** No special protective equipment is required

**Respiratory protection** No protective equipment 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

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Physical State	Solid (compressed)
Appearance	Natural color
Odor	None
Color	No information available
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks - Method</u>
pH	No data available	None known
Melting/Freezing Point	No data available	None known
Boiling point/boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	

### Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available

## 10. Stability and Reactivity

<u>Reactivity</u>	No information available
Chemical Stability	Stable under normal conditions
Possibility of hazardous reactions	None under normal processing
Conditions to avoid	None known based in information supplied
Incompatible materials	None known based in information supplied
Hazardous decomposition products	None known based in information supplied

## 11. Toxicological Information

### Information on likely routes of exposure

#### Product information

**Inhalation** Specific test data for the substance or mixture is not available

**Eye Contact** Specific test data for the substance or mixture is not available

**Skin Contact**            Specific test data for the substance or mixture is not available

**Ingestion**        Specific test data for the substance or mixture is not available

**Information on toxicological effects**

**Symptoms**        No information available

**Numerical measures of toxicity**

**Acute toxicity**

**Unknown acute toxicity**    100% of the mixture consists of ingredient(s) of unknown toxicity

**Delayed and immediate effects as well as chronic effects from short and long term exposure**

**Skin corrosion/irritation**            No information available

**Serious eye damage and irritation**    No information available

**Respiratory or skin sensitization**    No information available

**Germ cell mutagenicity**            No information available

**Carcinogenicity**            No information available

**Reproductive toxicity**            No information available

**STOT - single exposure**            No information available

**STOT - repeated exposure**            No information available

**Aspiration hazard**            No information available

**12. Ecological Information**

**Ecotoxicity**            The environmental impact of this product has not been fully investigated

**Persistence and degradability**            No information available

**Bioaccumulation**            No information available

**Other Adverse effects**            No information available

**13. Disposal Considerations**

**Waste treatment methods**

**Waste from residues/unused products**    Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation

#### **14. Transport Information**

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

#### **15. Regulatory Information**

##### **International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	No information available
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

##### **Legend:**

<b>TSCA</b>	United States Toxic Substances Act Section 8(b) Inventory
<b>DSL/NDSL</b>	Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances
<b>IECSC</b>	China Inventory of Existing Chemical Substances
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	Australian Inventory of Chemical Substances

##### **US Federal Regulations**

##### **SARA313**

Section 313 or Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### SARA 311/312 Hazard Categories

Acute health hazard No  
Chronic Health Hazard No

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 20) of the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### California Proposition 65

This product does not contain any proposition 65 chemicals

### US State Right-to-know Regulations

#### US State Regulations

This product does not contain any substances regulated by state right-to-know regulations

### 16. Other information, Including Date of Preparation of the Last Revision

<u>NFPA</u>	Health Hazards 0	Flammability 0	Instability 0	Physical and chemical properties
<u>HMIS</u>	Health Hazards 0	Flammability 0	Physical hazards 0	
	Personal Protection X			

Issuing Date 12-12-2019

Revision Date N/A

Revision Note No information available

### Disclaimer

The information provided in this Safety Datasheet derives from a third party source. While we believe that the information is correct as at the date of its publication, we do not make any representations or warranties regarding the accuracy or completeness of the information nor the quality or specification of any materials, substances, mixtures referred to herein (Collectively, "Materials"). The information is being provided solely as a guideline for the safe handling, use, consumption, processing, storage, transportation, disposal and release of the Materials. The information may not be sufficient for such purposes and the user should not place any reliance on the information provided. The information may not be applicable to Materials that are combined with any materials or in any process other than as expressly stated herein. We shall not be liable for any kind of liability including, without limitation, damages, losses or expenses, arising out of or as a result of any reliance on the information contained in this Safety Datasheet. **End of Safety Datasheet**