



Argyle | materials inc.

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

Issue Date: 12-12-2019 Revision Date: 12-12-2019 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 Fortus 900mc and F900+
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

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

| | |
|---------------------|---|
| Inhalation | Remove to fresh air |
| Eye Contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting upper and lower eyelids. Consult Physician |
| Skin Contact | Wash skin with soap and water |
| Ingestion | 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

| | |
|--|------|
| Explosion Data - Sensitivity to Mechanical Impact | None |
| Sensitivity to Static Discharge | 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

| | |
|---------------|--------------------------|
| TSCA | Complies |
| DSL/NDL | Complies |
| EINECS/ELINCS | No information available |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

Legend:

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

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Revision Date N/A

Revision Note No information available

Disclaimer

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