



SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

MATERIAL Silicon Carbide
NAME - IDENTIFIER: **Silicon Carbide Foam FOUNDRY FILTER CORES**

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| MANUFACTURER NAME: Apogee Ceramics Inc. | | SUPPLIER NAME: Apogee Ceramics Inc. | |
| STREET ADDRESS: 71 Folsetter Dr. | | STREET ADDRESS: 71 Folsetter Dr. | |
| CITY: Paris, Ontario | COUNTRY: Canada | CITY: Paris, Ontario | COUNTRY: Canada |
| POSTAL CODE: N3L 0E2 | PHONE: 519-442-3636 | POSTAL CODE: N3L 0E2 | PHONE: 519-442-3636 |

SECTION 2 – HAZARD IDENTIFICATION

N/A

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

N/A

SECTION 4 – FIRST AID MEASURES

First-aid measures by route of exposure:

- Inhalation- N/A
- Skin contact- N/A
- Eye contact- N/A
- Ingestion- N/A

In case of eye injury or severe cuts from sharp broken ceramic fragments, consult physician immediately

SECTION 5 – FIRE FIGHTING MEASURES

N/A

SECTION 6 – ACCIDENTAL RELEASE MEASURES

N/A

SECTION 7 – HANDLING AND STORAGE

N/A



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SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal Protective Equipment:

- Respirator recommended when dust is created due to machining of fired ceramics.
- Protective eye wear and gloves recommended in case of broken fragments)

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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| PHYSICAL STATE: GAS () LIQUID () SOLID (X) | | ODOUR AND APPEARANCE: BLACK | | ODOUR THRESHOLD (PPM): N/A |
| VAPOUR PRESSURE (mm Hg): N/A | FREEZING POINT (°C): N/A | VAPOUR DENSITY (AIR-1): N/A | EVAPORATION RATE: N/A | BOILING POINT (°C): N/A |
| % VOLATILE (BY VOLUME): N/A | SOLUBILITY IN WATER (20 °C): N/A | SPECIFIC GRAVITY 2.2. TYPICAL | MELTING POINT: >1500 C | COEFFICIENT WATER OIL DIST: N/A |

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| FLAMMABILITY YES () NO (X): IF YES, UNDER WHICH CONDITIONS? | | | |
| MEANS OF EXTINCTION: N/A | | | |
| SPECIAL PROCEDURE: N/A | | | |
| FLASH POINT (°C) AND METHOD: N/A | UPPER EXPLOSION (% BY VOLUME): N/A | | LOWER EXPLOSION LIMIT (% BY VOLUME): N/A |
| AUTO IGNITION TEMPERATURE (°C): N/A | TDG FLAMMABILITY CLASSIFICATION: N/A | | HAZARDOUS COMBUSTION PRODUCTS: N/A |
| EXPLOSION DATA: SENSITIVITY TO IMPACT: N/A | SENSITIVITY TO STATIC DISCHARGE: N/A | EXPLOSIVE POWER: N/A | RATE OF BURNING: N/A |

SECTION 10 – STABILITY AND REACTIVITY

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| CHEMICAL STABILITY YES (X), NO () IF NO UNDER WHICH CONDITIONS? | |
| COMPATIBILITY WITH OTHER SUBSTANCES YES (X), NO () IF NO, WHICH ONES? | |
| REACTIVITY UNDER WHICH CONDITIONS: | NON-REACTIVE |
| HAZARDOUS DECOMPOSITION PRODUCTS: | N/A |



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SECTION 11 – TOXICOLOGICAL INFORMATION

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| ROUTE OF ENTRY: | | | |
| SKIN CONTACT () INGESTION () | SKIN ABSORPTION () | EYE CONTACT () | INHALATION ACUTE (X) INHALATION CHRONIC (X) |
| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: NO EFFECT OTHER THAN AS NUISANCE DUST (WHEN MACHINING IS REQUIRED). | | | |
| EFFECTS OF CHRONIC EXPOSURE: LONG TERM EXPOSURE TO RESPIRABLE CRYSTALLINE SILICA CAN CAUSE SILICOSIS. | | | |
| LD/50 OF MATERIAL: N/A | LC/50 OF MATERIAL: N/A | EXPOSURE LIMIT OF MATERIAL: 10 mg/m3 | IRRITANCY OF MATERIAL: N/A |
| SENSITIZING CAPABILITY OF MATERIAL: N/A | CARCINOGENICITY OF MATERIAL: N/A | REPRODUCTIVE EFFECTS OF MATERIAL: N/A | SYNERGISTIC MATERIALS: N/A |

SECTION 12 – ECOLOGICAL INFORMATION

N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

N/A

SECTION 14 – TRANSPORT INFORMATION

N/A

SECTION 15 – REGULATORY INFORMATION

N/A

SECTION 16 – OTHER INFORMATION

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| PREPARED BY (GROUP, DEPARTMENT, ETS) Operations Manager Apogee Ceramics Inc. | PHONE NUMBER: 519-442-3636 | DATE PREPARED/REVIEWED: June 2017 |
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