



SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

MATERIAL Zirconia
NAME - IDENTIFIER: **ZIRCONIA FOAM STEEL FOUNDRY FILTER CORES**

MANUFACTURER NAME:		SUPPLIER NAME:	
Apogee Ceramics Inc.		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

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: >1600 C	COEFFICIENT WATER OIL DIST: N/A

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

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

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

PREPARED BY (GROUP, DEPARTMENT, ETS) Operations Manager Apogee Ceramics Inc.	PHONE NUMBER: 519-442-3636	DATE PREPARED/REVIEWED: June 29, 2017
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