



## **MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: FUSION-CRETE II CRYSTALS (ITEM NO. FC-II)**

### **SECTION I.**

NAME OF DISTRIBUTOR:	ABS Concrete Systems Ltd.
ADDRESS:	RR1, Site 9, Box 11 Airdrie, AB T4B 2A3 Canada
EMERGENCY TELEPHONE NUMBERS:	(403) 297-9898 (office) and (403) 651 - 5322 (cellular)
TELEPHONE NUMBERS FOR INFORMATION:	Same as above.
CHEMICAL FAMILY:	Ethylene/Vinyl Acetate Copolymer.
APPEARANCE & ODOR:	Fine, free-flowing, white powder with a slight acetic odor.
DATE PREPARED:	March 1, 2007
WARNING STATEMENTS:	Harmful if inhaled. Skin Irritant - Possible physical irritant from dust particles.

### **SECTION II. - FIRE AND EXPLOSION HAZARD DATA**

HAZARDOUS COMPONENTS:	None.
NFPA FLAMMABILITY CLASS:	1 = Slight
FLASH POINT:	Not applicable.
UPPER & LOWER EXPLOSIVE LIMITS:	Not applicable.
EXTINGUISHING MEDIA:	CO <sub>2</sub> ; Foam; Dry Chemical.
SPECIAL FIREFIGHTING PROCEDURES:	No special procedures are required.
FIRE & EXPLOSION HAZARDS:	Slight to moderate fire and explosion hazard when exposed to heat or flame. Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

### **SECTION III. - REACTIVITY DATA**

STABILITY:	Stable.
INCOMPATIBILITIES:	None known.
NFPA REACTIVITY CLASS:	0 = Insignificant
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition could Produce carbon monoxide, carbon dioxide and organic compounds.
HAZARDOUS POLYMERIZATION:	Will not occur.

**SECTION IV. - PHYSICAL DATA**

PURE MATERIAL OR MIXTURE:	Mixture.
PHYSICAL FORM:	Solid.
APPEARANCE/PHYSICAL DESCRIPTION:	Fine, free-flowing, white powder.
pH AS IS:	Not applicable.
pH IN 1% SOLUTION:	Approximately 4.5.
BOILING POINT:	Not applicable.
SOLUBILITY IN WATER:	Insoluble (dispersible and redispersible).
SPECIFIC GRAVITY (WATER = 1):	.600
BULK DENSITY:	Approximately 4.4 lbs per gallon before settling.

**SECTION V. - PERSONAL PROTECTIVE EQUIPMENT**

CONDITIONS UNDER WHICH PPE REQUIRED:	Normal work conditions.
EYE PROTECTION REQUIREMENTS:	Safety glasses with side shields.
GLOVE REQUIREMENTS:	Impervious neoprene or rubber gloves.
CLOTHING REQUIREMENTS:	Coveralls or other protective clothing.
CHANGE/REMOVAL OF CLOTHING:	Laundry soiled clothing before re-use.
RESPIRATOR REQUIREMENTS:	None required under normal handling conditions. Use NIOSH approved nuisance dust mask if the dust levels are irritating.
VENTILATION REQUIREMENTS:	Local exhaust recommended.

**SECTION VI. - EMERGENCY FIRST AID PROCEDURES**

EYES:	Flush eyes with large amounts of clean water until irritation subsides. If irritation persists, get medical attention.
SKIN CONTACT:	Flush with large amounts of clean water, using soap if available.
INHALATION:	Remove to fresh air. Get medical attention if any irritation persists.
INGESTION:	If swallowed, induce vomiting only if victim is alert. Get prompt medical attention. DO NOT attempt to give anything by mouth to a drowsy or unconscious person.

**SECTION VII. - HEALTH EFFECTS DATA**

CARCINOGEN (OSHA GUIDELINES):	No
TOXICITY:	Product is essentially non-toxic. Use of good industrial hygiene practices is recommended. Avoid direct contact with skin and eyes. Do not ingest.
EFFECTS OF CHRONIC EXPOSURE:	None known.
TARGET ORGANS:	Not applicable.

(SECTION VII. – HEALTH EFFECTS DATA CONTINUED)

EYES:	May be irritating but does not injure eye tissue.
SKIN:	Frequent or prolonged contact may irritate the skin.
INHALATION:	No hazard in normal industrial/commercial use.
INGESTION:	No hazard in normal industrial/commercial use. Low order of toxicity.

**SECTION VIII. – ENVIRONMENTAL DATA**

SPILL OR LEAKAGE PROCEDURES:	Normal precautions for ‘nuisance dust’ should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container.
WASTE DISPOSAL METHODS:	Waste disposal should be in accordance with federal, state and local environmental regulations.
HANDLING & STORAGE PRECAUTIONS:	Store out of direct sunlight in a dry area. Maximum storage temperature is 100°F.
DOT SHIPPING NAME:	Synthetic plastic.
DOT HAZARD CLASS:	Not noted.
DOT REPORTABLE QUANTITY:	Not applicable.

**SECTION IX. – ADDITIONAL INFORMATION**

1. Use an approved nuisance dust mask if excessive dust is created during handling or use.
2. Toxic risk may be altered by chemical or physical changes caused by conditions of use.
3. May become slippery when wet.

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