

**UCRETE HF PART 3**

Version 1.2

07/05/06

**1. COMPANY AND PRODUCT INFORMATION**

Company : BASF Building Systems, Inc.  
889 Valley Park Drive  
Shakopee, MN 55379 ,

Phone : 952-496-6000

Emergency contact : 1-800-424-9300

Productname : UCRETE HF PART 3  
MSDS : 11168

2. HAZARDOUS INGREDIENTS:	CASNO	TLV	EXPOSURE LIMITS*			CONTENT
			STEL	PEL		
Silica, Crystalline Quartz **	14808-60-7	***	None	****	70-85%	
Portland Cement	65997-15-1	10 mg/M3	None	None	10-25%	
Calcium Magnesium Hydroxide	39445-23-3	3 mg/m3*****	None	5 mg/m3	< 6%	

- (\*) Refer to Section 7 for available LD/LC (50) Health Hazard Data.
- (\*\*) Contains less than 0.1% w/w 53 micron or smaller Crystalline Quartz.
- (\*\*\*) 0.1 mg/m3 respirable quartz
- (\*\*\*\*) 10 mg/m3 divided by %SiO<sub>2</sub>+2 (respirable quartz)
- (\*\*\*\*\*) Particulates NOC - Respirable

**3. PHYSICAL DATA:**

Boiling Point (°C):	N/Ap	Water/Oil Distribution	
Percent VOC (w/w):	0	Coefficient:	N/Av
Freezing Point (°C):	N/Ap	Solubility in Water:	Slight
Vapor Pressure mmHg @20(°C):	N/Av	Specific Gravity:	N/Av
Vapor Density:	> Air	pH:	N/Ap
Odor Threshold:	N/Av	Evaporation Rate:	N/Av
Appearance: Pigmented powder		Odor: Odorless	

N/Av = Not Available                      N/Ap = Not Applicable                      ca. = Approximate

**4. FIRE AND EXPLOSION HAZARD DATA:** HMIS Hazard Rating No. 0 (Minimal)

Flash Point: Non-combustible                      Method: Not Applicable

Auto-Ignition Temp.: Non-combustible

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4. **FIRE AND EXPLOSION HAZARD DATA:** (cont'd)

Limits of Flammability: LEL: Not Available UEL: Not Available

Extinguishing Media: Use extinguishing media suitable for surrounding fires.

Special Fire & Unusual Hazards: None.

5. **REACTIVITY DATA:** HMIS Hazard Rating No. 0 (Minimal)

Stability: Stable. Not sensitive to mechanical impact.

Incompatibility: Strong mineral acids. Hydrofluoric acid slowly dissolves silicon dioxides (Silicon Tetrafluoride, a toxic substance, is formed.).

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

6. **ENVIRONMENTAL AND DISPOSAL INFORMATION:**

Action to Take for Spills/Leaks: No special procedures are required for cleanup of spills or leaks of this material. Sweep up and return for reuse or discard. Landfill at agency approved waste-disposal facilities.

Waste Disposal Method: Does not contain hazardous chemicals as defined in 40 CFR 260. Handle disposal of waste material in accordance with local, state, province and federal regulation. Landfill agency approved waste disposal facilities.

7. **HEALTH HAZARD DATA:** HMIS Hazard Rating No. 3 (Serious)

PRIMARY ROUTE OF ENTRY: Inhalation

**Effects Of Overexposure**

Inhalation: May cause irritation to mucous membranes, upper respiratory tract, coughing and labored breathing.

Eyes: Abrasive action may cause damage to the outer surface of the eye. In combination with water may cause severe irritation with corneal injury.

Skin Contact: Abrasive action may cause slight to moderate irritation. In combination with water dermal exposure may cause severe alkali burns.

Skin Absorption: Does not absorb through skin.

Ingestion: Not likely source of entry due to physical nature of material.

**UCRETE HF PART 3**7. **HEALTH HAZARD DATA:** (Cont'd)

Chronic Materials are not known mutagenic, teratogenic, or reproductive health hazards.

Repeated inhalation of respiratory silica in excess of the TLV over extended periods can result in irreversible fibrosis of the lungs (silicosis). An IARC evaluation concluded that there is sufficient evidence (Group I) that crystalline silica may be carcinogenic to humans.

8. **FIRST AID:**

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Do **NOT** induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do **NOT** give anything by mouth to an unconscious person.

9. **SPECIAL PROTECTION INFORMATION:**

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of airborne dust concentrations.

Personal Protection Equipment: Do **NOT** wear contact lenses when working with this material. Use safety glasses with side shields and Rubber/Latex gloves. Selection of specific items such as boots and apron will depend on operation. Wear respirator protection whenever airborne concentrations exceed TLV or TWA limits. Use NIOSH/OSHA approved respirators equipped with a dust cartridge for listed hazard.

Confined spaces, rooms, or tanks are areas where concern for TLV's is especially important. Reference OSHA Regulation CFR 29 1910.134 for recommended respiratory protection.

10. **ADDITIONAL INFORMATION:**

Average Shelf Life: Refer to Product Data Sheet.

Special Instructions: Store in cool, dry place.

**REGULATORY INFORMATION:**

Title III Section 302: No reportable chemicals.

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10. **ADDITIONAL INFORMATION:** (cont'd)

**REGULATORY INFORMATION:** (cont'd)

Title III Section 311/312: Health hazard: Immediate  
Delayed  
Physical hazard: None

Title III Section 313: None above deminimis.

State: California This product contains a chemical known to the state of California to cause cancer.

Silica, Crystalline Quartz (Respirable) 14808-60-7 < 0.1 %

WHMIS Classification: Class D, Div. 2, Sub A  
Class D, Div. 2, Sub B  
Class E

Canadian Domestic Substance List: All chemicals are listed.

**TRANSPORTATION**

National Motor Freight Classification (NMFC): 149980 Sub: - Class: 55

Description: PAINT AND RELATED MATERIAL

Emergency Response Guide Page No.: NOT REGULATED

DOT Reportable Quantity: NOT REGULATED

Proper Shipping Name: NOT REGULATED - USE NMFC DESCRIPTION

Marine Pollutant: NL  
P = Moderate PP = Severe WS = Water Sheen  
NL = Not Listed ND = Not Determined

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