

# Safety data sheet

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BASF Construction Chemicals Safety data sheet according to 91/155/EEC

Date / Revised: 2007/12/15

Product: **SELBATWEDE 71 CUSTOM**

Version: 1.0

(30419439/MDS\_GEN\_US/EN)

Date of print 23.06.2009

## 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

### SELBATWEDE 71 CUSTOM

Company:

BASF Construction Chemicals  
100 Campus Drive  
Florham Park, NJ 07932

Emergency information:

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP

## 2. HAZARDOUS INGREDIENTS:

	CASNO	TLV	STEL	PEL	CONTENT
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Silica, Crystalline Quartz	14808-60-7	**	None	***	ca 100%
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(\*) Refer to Section 7 for available LD/LC (50) Health Hazard Data.

(\*\*) 0.1 mg/m<sup>3</sup> respirable quartz(\*\*\*) 10 mg/m<sup>3</sup> divided by %SiO<sub>2</sub>+2 (respirable quartz)

## 3. PHYSICAL DATA:

Boiling Point (°C):	N/Av	Water/Oil Distribution	
Percent VOC (w/w):	None	Coefficient:	N/Av
Freezing Point (°C):	N/Av	Solubility in Water:	None
Vapor Pressure mmHg @20 (°C):	N/Av	Specific Gravity:	N/Av
Vapor Density:	> Air	pH:	N/Av
Odor Threshold: (ppm)	N/Av	Evaporation Rate:	N/Av
Appearance: Colored granular		Odor: Odorless	
N/Av = Not Available	N/Av = Not Applicable		ca. = Approximate

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

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Flash Point: Non-flammable

Method: Not Applicable

Auto-Ignition Temperature: Not Applicable

Limits Of Flammability: LEL: Non-flammable

UEL: Non-flammable

Extinguishing Media: This material is non-flammable. Use extinguishing agent suitable for type of surrounding fire.

Special Fire & Unusual Hazards: None known.

**SELBATWEDE® AGGREGATE**

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**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.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

**6. ENVIRONMENTAL AND DISPOSAL INFORMATION:**

Action to Take for Spills/Leaks: Vacuum or wet down area, shovel to salvage or waste container. Avoid creating excessive dust. Sweep up and return for reuse or discard.

Waste Disposal Method: Does not contain hazardous chemicals as defined in 40 CFR 260. Dispose in a landfill in accordance with local, state, province and federal regulations.

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

PRIMARY ROUTE OF ENTRY: Inhalation

**Effects Of Overexposure**

Inhalation: May cause coughing and labored breathing.

Eyes: Contact may cause irritation and possible corneal injury through abrasion.

Skin Contact: Prolonged or repeated exposure may cause skin irritation and redness through abrasion.

Skin Absorption: Does not absorb through skin.

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

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 1) 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.

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**8. FIRST AID:** (cont'd)

- 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 chemical goggles/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 an organic vapor 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.

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

Title III Section 313: None above deminimis.

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

Silica, Crystalline Quartz CASRN: 14808-60-7 (Respirable)

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

Canadian Domestic Substance List: All chemicals are listed.

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

National Motor Freight Classification (NMFC): 90650 Sub: - Class: 50

Description: STONE, CRUSHED, POWDERED, NOI

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	

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.