



# WEDRON FLUX

A DIVISION OF BLACK LAB CORPORATION

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## Material Safety Data Sheet

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Only in the event of an emergency involving spill, leak, fire, exposure or accident involving chemicals, call  
Chemtrec 800-424-9300

### I. Product Identification

**Trade Name As Labeled:** ECOFLUX 145  
**Manufacturers Name:** Wedron Flux  
**Chemical Formula:** Mixture of Inorganic Salts.

### II. Hazardous Ingredients

CAS Number	Chemical Name	ACGIH-TLV	OSHA-PEL
471-34-1	Calcium Carbonate (Total dust)	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
	(Respirable Fraction)		5 mg/m <sup>3</sup>
14808-60-7	Quartz (Respirable Fraction)	0.5 mg/m <sup>3</sup>	<u>10mg/m<sup>3</sup></u> %SiO <sub>2</sub> +2

### III. Physical Properties

<b>Vapor density:</b>	Not known	<b>Specific gravity:</b>	Approx. 2.0
<b>Boiling point range:</b>	Not known	<b>Solubility in water:</b>	Soluble
<b>Evaporation rate:</b>	Not applicable	<b>Vapor pressure:</b>	Not known
<b>Melting point range:</b>	From 800 F	<b>Appearance and odor:</b>	White, fine crystalline solid.

### IV. Fire and Explosion

**Flash point:** Not listed by NFPA.

**Auto-ignition temperature:** None

**Flammable limits in air:** None

**Fire extinguishing materials:**

Water spray: XX carbon dioxide: \_\_ foam: XX dry chemical: XX other: \_\_

**Unusual Fire Fighting Procedures:** Use NIOSH / MSHA approved SCBA in an enclosed area. When material is heated, it gives off toxic fumes of Cl<sup>-</sup>, K<sub>2</sub>O, SO<sub>x</sub>

**Unusual Fire and Explosion Hazards:** None

## V. Health Hazard Information

**SYMPTOMS OF OVEREXPOSURE:** (Contains minimal amounts of crystalline silica, and minor amounts of other ground mineral products.)

**Inhalation:** Excessive concentration of dust may cause nasal or lung irritation.

**Skin Contact:** Contact may cause irritation or rash, particularly with moist skin.

**Eye Contact:** Moderate eye irritant. Redness, tearing, possible abrasion can occur.

**Ingestion:** Large quantities can produce gastrointestinal irritation & vomiting. May produce weakness & circulatory problems. May affect heart. In severe cases, ingestion may be fatal.

**Chronic Exposure:** Prolonged inhalation of quartz (crystalline silica) dust can produce silicosis. Excessive oral doses of calcium carbonate may produce alkalosis & hypercalcemia.

### **FIRST AID MEASURES:**

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give Oxygen, and seek immediate medical attention.

**Ingestion:** Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

**Skin contact:** Wash well with soap and water. Seek medical advice if irritation continues.

**Eye contact:** Flush with running water for at least fifteen (15) minutes. Call a physician if irritation persists.

**Suspected cancer agent?** Yes see listing below

Federal OSHA No NTP Yes IARC Yes

**NTP:** Respirable Crystalline Silica has been listed in the 6th Annual Report on Carcinogens.

**IARC:** Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (vol. 42, 1987) concludes that there is limited evidence of the carcinogenicity of crystalline silica to experimental animals, and limited evidence with respect to humans (Class 2A).

## VI. Reactivity Data

**Stability:** XX Stable \_\_\_ unstable

**Conditions to avoid:** Excess moisture. Keep dry.

**Incompatibility (materials to avoid):** Strong acids or acid mist.

**Hazardous decomposition products (Including combustion products):** When material is heated, it gives off toxic fumes of Cl<sub>2</sub>, K<sub>2</sub>O, SO<sub>x</sub>

**Hazardous polymerization:** \_\_\_ May occur XX Will not occur

**Conditions to avoid:** Separate from acids, food and feedstuffs.

## VII. Spill, Leak, and Disposal Procedures

**Spill response procedures (including employee protection measures):** Ventilate area of leak or spill. Wear respirator, protective gloves, clothing (plastic/rubberized), to avoid inhalation or skin contact. Pick up using dustless methods (vacuum), if none available, pick up and place in a suitable container for reclamation or disposal using a method that does not generate dust.

**Waste disposal:** Whatever cannot be saved for recovery or recycling, should be managed in an appropriate and approved waste disposal facility. Follow current applicable local, state and federal regulations.

## VIII. Special Handling Information

**Ventilation:** A system of local and/or general exhaust is recommended to maintain employee exposure below the OSHA PEL.

**Respiratory Protection:** NIOSH / MSHA respirator, P3 filter for toxic particles.

**Skin Protection:** Wear protective gloves and clean body covering clothing.

**Eye Protection:** Use chemical safety goggles where dusting or splashing of solutions are possible.

**Work & Hygienic Practices:** Wash hands prior to eating or after physical contact. Launder contaminated clothing before re-use. Avoid food and drink products in area and do not smoke when handling.

**Other handling and storage requirements:** Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty as they retain product residues (dusts, solids); observe all warnings and precautions listed for the product.

## IX. Transport Information

NOT REGULATED BY DOT