



# WEDRON FLUX

A DIVISION OF BLACK LAB CORPORATION

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## Material Safety Data Sheet

Date Prepared: December 1, 2004

Supersedes: May 1, 2003

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 142  
**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) (Respirable Fraction)	10 mg/ m <sup>3</sup>	15 mg/ m <sup>3</sup> 5 mg/ m <sup>3</sup>
16871-90-2	Potassium Fluorosilicate (Fluorides)	2.5 mg(F)/m <sup>3</sup>	2.5 mg(F)/m <sup>3</sup>

### 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>	1 mm @32 C
<b>Melting point range:</b>	Partially sublimes @ 186 C, partially decomposes @350 C.		
<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.  
**Unusual Fire and Explosion Hazards:** Fluorides / chlorides may be emitted at high temperatures.

## V. Health Hazard Information

**SYMPTOMS OF OVEREXPOSURE:** Fluorides are generally highly toxic, whether swallowed, inhaled, or absorbed through the skin.)

**Inhalation:** Strong irritation of respiratory tract, burning sensation, cough.  
**Skin Contact:** Contact may cause irritation or rash, particularly with moist skin.  
**Eye Contact:** Causes irritation, redness and pain.  
**Ingestion:** May cause pain, nausea, diarrhea and vomiting, abdominal cramps.  
**Chronic Health effects:** Contains Fluorides, which may cause embrittlement and densification of bones, Sclerosis, Pulmonary Fibrosis and skin rash.

### FIRST AID MEASURES:

**Inhalation:** Move to fresh air. If breathing difficulties, give oxygen and call physician.  
**Ingestion:** Seek medical attention immediately. Give the person water to dilute. Do not induce vomiting.  
**Skin contact:** Wash well with soap and water. Seek medical attention if irritation or chemical burns develop.  
**Eye contact:** Flush with running water for at least fifteen (15) minutes. Seek medical help.  
**Suspected Cancer Agent?** No.

## VI. Reactivity Data

**Stability:** **XX Stable** **\_\_\_ Unstable**  
**Conditions to avoid:** Excess moisture. Keep dry.  
**Incompatibility (materials to avoid):** Strong acids or acid mists.  
**Hazardous decomposition products (Including combustion products):** Portions of this material decompose on heating producing toxic and corrosive fumes including Fluorine and Chlorine.  
**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):** Pick up using dustless methods (vacuum), and place in a suitable container for disposal. Wear respirator and protective gloves, and clothing (plastic / rubberized) to avoid inhalation or skin contact.

**Waste disposal:** Follow current applicable local, state and federal regulations.

## VIII. Special Handling Information

**Ventilation and engineering controls:** Local exhaust ventilation to reduce quartz dust to OSHA limits.  
**Respiratory protection (type):** Use NIOSH approved respirator for particulate if TLV exceeded.  
**Eye protection (type):** Safety glasses with eye shields, goggles when exposed to dust.  
**Skin Protection:** PVC Gloves if material is handled, Polymeric coated apron or other body covering to avoid contamination of skin.  
**Work practices, hygienic practices:** Wash hands & face prior to eating, or after physical contact. Launder contaminated clothing before wearing. Clean up spills promptly.  
**Other handling and storage requirements:** Store in a cool, dry place away from high temperatures and acids. Good housekeeping & engineering practices should be employed to prevent the generation and accumulation of dust. Protect from mechanical damage. **DO NOT** reuse container. Handle with minimum of dust generation.  
**Protective measures during maintenance of contaminated equipment:** Same as above.

## IX. Transportation Data

NOT REGULATED BY DOT