



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 142; aka: ECO 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 ³	15 mg/ m ³ 5 mg/ m ³
16871-90-2	Potassium Fluorosilicate (Fluorides)	2.5 mg(F)/m ³	2.5 mg(F)/m ³

III. PHYSICAL PROPERTIES

Vapor density: Not known
Boiling point range: Not known
Evaporation rate: Not applicable
Melting point range: Partially sublimes @ 186 C, partially decomposes @350 C.
Appearance and odor: White, fine crystalline solid.

Specific gravity: Approx. 2.0
Solubility in water: Partially Soluble
Vapor pressure: 1 mm @32 C

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 exist, 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 develops.
Eye contact: Flush with running water for at least fifteen (15) minutes. Seek medical help.
Suspected Cancer Agent? No.
Hazard Rating (HMIS 0=low, 4=high): Health: 1 Flammability: 0 Physical Hazard: 0 PPE Level: F

VI. REACTIVITY DATA

Stability: **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** **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 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