



WEDRON FLUX

A DIVISION OF BLACK LAB CORPORATION

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Material Safety Data Sheet

Date Prepared: December 1, 2004

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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: WFEI 142
Manufacturers Name: Wedron Flux
Chemical formula: Mixture of Inorganic Salts and Carbonates.

II. Hazardous Ingredients

CAS Number	Chemical Name	ACGIH-TLV	OSHA-PEL
1317-65-3	Calcium Carbonate (Total dust) (Respirable)	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: 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, give oxygen and call physician.
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.
Ingestion: Seek medical attention immediately. Give the person water to dilute. Do not induce vomiting.
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 fumes.
Hazardous decomposition products (Including combustion products): Portions of this material decompose on heating producing toxic and corrosive fumes including Fluorine.
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). 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.
Respiratory Protection (type): Use NIOSH approved respirator if TLV exceeded.
Eye Protection (type): Use chemical safety goggles where dusting is possible.
Gloves (specify material): PVC if material is handled.
Other Clothing and Equipment: Not normally required unless contact with material might be expected.
Work Practices, Hygienic Practices: Wash hands prior to eating or after physical contact. Launder contaminated clothing before wearing.
Other Handling and Storage Requirements: Store in a cool, dry place away from high temperatures and acids. Protect from mechanical damage. Do not reuse container. Handle with minimum of dust generation.
Protective Measures During Maintenance of Contaminated Equipment: PVC gloves or other impervious material.

IX. Transportation Data

NOT REGULATED BY DOT