



WEDRON FLUX

A DIVISION OF BLACK LAB CORPORATION

P.O. Box 236 • WEDRON, IL 60557
815/792-8750 FAX 815/792-8713

MATERIAL SAFETY DATA SHEET

Date Prepared: May 1, 2009

Supersedes: December 1, 2004

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

<u>CAS Number</u>	<u>Chemical Name</u>		<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>
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.

HMIS: HEALTH = 2; FLAMMABILITY = 0; REACTIVITY = 0; PHYSICAL HAZARD = 0

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