



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: 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: COVER 112
Manufacturer's Name: Wedron Flux
Chemical Formula: Mixture of Inorganic Salts.

II. Hazardous Ingredients

<u>CAS Number</u>	<u>Chemical Name</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>
16893-85-9	Potassium Fluorosilicate (Fluorides)	2.5 mg(F)/m ³	2.5 mg(F)/m ³

III. Physical Properties

Vapor Density:	Not known.	Melting Point Range:	773°F
Specific Gravity:	Approximately 2.0	Boiling Point Range:	Not known
Solubility in Water:	Soluble.	Evaporation Rate:	None applicable.
Vapor Pressure:	Not known	Appearance and Odor:	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: Self-contained breathing apparatus needed. When heated, material gives off toxic fumes of F⁻, Cl⁻, K₂O, and Na₂O
Unusual Fire and Explosion Hazards: Molten material may react explosively with water.

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.

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

Eye Contact: Causes irritation, redness and pain.

Ingestion: May cause pain, diarrhea, and vomiting.

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 experiencing 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 (15) minutes. Seek medical help

Suspected Cancer Agent? No.

VI. Reactivity Data

Stability: Stable XX Unstable _____

Conditions to Avoid: Excess moisture; keep dry.

Incompatibility (materials to avoid): Strong acids or acid mist. Potentially violent reaction or ignition with organic matter, calcium-silicon alloys, magnesium chloride, magnesium, non-metals.

Hazardous Decomposition Products (including combustion products): When exposed to high temperature toxic fumes of Cl, F, Na₂O, KNO_x are formed.

Hazardous Polymerization: May Occur ___ Will Not Occur XX

VII. Spill, Leak, and Disposal Procedures

Spill Response Procedures (including employee protection measures): Pick up using dustless methods (vacuum). Wear respirator and protective gloves, 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 spillage is handled.

Other Clothing and Equipment: Not normally required.

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