



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: WF 11
Manufacturers Name: Wedron Flux
Chemical Formula: Mixture of Inorganic Salts.

II. Hazardous Ingredients

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

III. Physical Properties

Vapor density:	Not known	Melting point range:	800-1400 Degrees F
Specific gravity:	Approx. 2.7	Boiling point range:	Not known
Solubility in water:	Soluble	Evaporation rate:	Not known
Vapor pressure:	Not know	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, 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: Contains Fluorides. Strong irritation of respiratory tract may occur.
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: XX Stable Unstable
Conditions to avoid: Excess moisture. Keep dry.
Incompatibility (materials to avoid): Strong acids or acid mist.
Hazardous decomposition products (Including combustion products): Chlorides (Cl-), Fluorides (F-), Sodium and Potassium oxides (Na₂O, K₂O)
Hazardous polymerization: May occur XX Will not occur

VII. Spill, Leak, and Disposal Procedures

Spill response procedures (including employee protection measures):
Pick up using dustless methods (vacuum). Wear respirator and protective gloves (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. Do not reuse container. Handle with minimum of dust generation.
Protective measures during maintenance of contaminated equipment: PVC gloves.

IX. Transportation Data

NOT REGULATED BY DOT