

SAFETY DATA SHEET

Current Revision: 2, 3/15/2018

I. IDENTIFICATION

EMERGENCY PHONE:

**CHEMTREC- (800) 424-9300
CCN: 19481**

Ferro Corp
Electronic Material
System

PRODUCT NAME: Superox 100T

SYNONYMS: Rare earth compound

Recommended Use:

Industrial and professional abrasive and processing

Restrictions:

None known

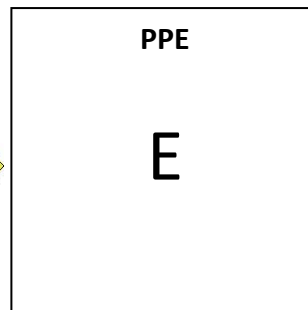
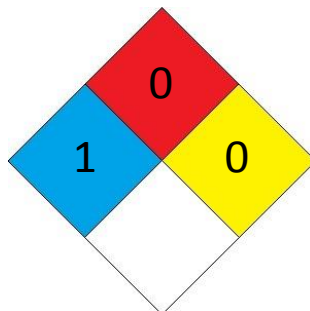
II. HAZARD IDENTIFICATION

Classification (§1910.1200):

Not a hazardous substance or mixture according to GHS standards.

Signal Word/Symbols:

NFPA 704



N/A

Hazard Statement:

N/A

Precautionary Statement:

N/A

Miscellaneous Hazards:

N/A

Unknown Acute Toxicity Statement:

N/A

III. COMPOSITION

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Rare earth fluorides	N/A	68188-85-2	20-30
Trade Secret <%2 Silica	N/A	N/A	10-20

*Information withheld as a trade secret

Classified Impurities and Additives:

N/A

IV. FIRST AID MEASURES

Inhalation:

Remove person to air and contact physician if symptoms develop.

Skin Contact:

Wash skin. Contact physician if symptoms develop.

Eye Contact:

Remove contacts and wash thoroughly with water. Contact physician if symptoms develop.

Ingestion:

Drink water. Contact physician if symptoms develop.

Symptoms/Effects:

None known.

Level Of Medical Attention Needed:

Consult a physician.

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing media suitable to surrounding environment.

Unsuitable Extinguishing Media:

N/A

Specific Hazards:

Exposure to decomposition products may be a hazard to health.
Do not allow run-off from firefighting to enter drains or water courses.

Special Protective Equipment:

In the event of fire, wear self-contained breathing apparatus.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ensure adequate ventilation.
Follow safe handling advice and personal protective equipment recommendations.

Protective Equipment:

See section 8.

Emergency Procedures:

N/A

Methods for Cleanup/Removal:

Sweep up and shovel into suitable containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.
Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

VII. HANDLING AND STORAGE

Handling Precautions:

Do not get in eyes or mouth or on skin.
Smoking, eating and drinking should be prohibited in the application area.
Do not use in areas without adequate ventilation.

Safe Storage Conditions:

Keep away from heat and sources of ignition.

Incompatibilities:

None known.

VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

OSHA PEL:

Fluorides:
OSHA Z-1
TWA 2.5 mg/m³

ACGIH TLV:

Fluorides:
TWA 2.5 mg/m³
Trade Secret:

OTHER EXPOSURE LIMITS:

Trade Secret:
NIOSH REL
TWA (Resp) 5 mg/m³

OSHA P0 TWA 2.5 mg/m ³ <u>Trade Secret:</u> OSHA P0 TWA (Tot dust) 10 mg/m ³ TWA (resp dust fract) 5 mg/m ³	TWA 2 mg/m ³	TWA (Tot) 10 mg/m ³
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Appropriate Engineering Controls:

Apply technical measures to comply with the occupational exposure limits. Provide adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protective Measures:

Safety glasses.

Protective gloves.

Long sleeve shirt or apron.

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Wear suitable protective equipment. Avoid contact with skin.

Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Light brown powder

Odor: None	Odor Threshold: N/A	Ph: N/A
Melting/ Freezing Point: N/A	Boiling Point: N/A	Boiling Range: N/A
Flash Point: N/A	Evaporation Rate: N/A	Flammability (Solid, Gas): N/A
Upper/Lower Flammability/ Explosive Limit: N/A	Vapor Pressure: N/A	Vapor Density: N/A
Relative Density:	Solubility (ies):	Partition Coefficient: N-

(Gen density) 5.4 g/cm ³	Insoluble	Octanol/Water: N/A
Auto Ignition Temperature: N/A	Decomposition Temperature: N/A	Viscosity: N/A

X. STABILITY AND REACTIVITY

Reactivity:

N/A

Chemical Stability:

N/A

Possibility of Hazardous Reactions:

N/A

Conditions to Avoid: Static Discharge, Shock, Vibrations, Etc.

N/A

Incompatible Materials:

None known

Hazardous Decomposition Products:

N/A

XI. TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Inhalation (dust/mist/fume), skin, eye contact, and ingestion.

Symptoms Related To Toxicological Characteristics:

N/A

Delayed, Immediate, and Chronic Effects:

N/A

Numerical Toxicity Measurements:

N/A

NTP/IARC/OSHA Known Carcinogen:

N/A

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

N/A

Persistence and Degradability:

N/A

Bioaccumulative Potential:

N/A

Soil Mobility:

N/A

Other Adverse Effects:

N/A

XIII. DISPOSAL CONSIDERATIONS

Waste Residue and Disposal:

Dispose of wastes in an approved waste disposal facility. Always comply with local, state, and federal regulations.

XIV. TRANSPORT INFORMATION

UN Number: None	UN Proper Shipping Name: None	Transport Hazard Class (es): None
Packing Group: None	Environmental Hazards: None	Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) None

Special Precautions:

N/A

XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

SARA 311/312 Hazards: Chronic Health Hazard

Massachusetts Right To Know: This product contains components that are reportable under the regulation.

Pennsylvania Right To Know: This product contains components that are reportable under

the regulation.

New Jersey Right To Know: This product contains components that are reportable under the regulation.

EINECS: On the inventory, or in compliance with the inventory

CH INV: On the inventory, or in compliance with the inventory

TSCA: On TSCA Inventory

DSL: All components of this product are on the Canadian DSL.

AICS: On the inventory, or in compliance with the inventory

NZIoC: On the inventory, or in compliance with the inventory

ENCS: On the inventory, or in compliance with the inventory

ISHL: On the inventory, or in compliance with the inventory

KECI: On the inventory, or in compliance with the inventory

PICCS: On the inventory, or in compliance with the inventory

IECSC: On the inventory, or in compliance with the inventory

XVI. OTHER INFORMATION

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