



Section I

Manufacturer's Name

Emergency Telephone Number

(203) 328-4900



The David J. Joseph Company  
 85 South Main St. Suite G  
 Hudson, Ohio 44133

Chemical Name  
 and Synonyms

FERROVANADIUM

Trade Name  
 and Synonyms

Chemical  
 Family

Formula

FEV

Section II - Hazardous Ingredients

Paints, Preservatives and Solvents	%	TLV (Units)	Alloys and Metallic Coatings	%	TLV (Units)
Pigments	N/A		Base Metal	N/A	
Catalysts	N/A		Alloys	N/A	
Vehicles	N/A		Metallic Coatings	N/A	
Solvents	N/A		Finer Metal Plus Coating or Core Flux	N/A	
Additives	N/A		Others	N/A	
Others	N/A				

Hazardous Mixtures of Other Liquids, Solids or Gases

% TLV (Units)

Section III - Physical Data

Boiling Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O=1)	GREATER THAN 1
Vapor Pressure (mm Hg)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Density (AIR=1)	N/A	Evaporation Rate	N/A
Solubility in Water	INSOLUBLE		

Appearance and Odor

DARK, ODORLESS SOLID PARTICLES

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	UEL
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Extinguishing Media

DRY SAND, DRY DOLOMITE, DRY GRAPHITE POWDER

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

MODERATE FIRE HAZARD IN THE FORM OF DUST

Section V - Health Hazard Data

Toxicological Value

N/A

Effects of Overexposure

FERROVANADIUM DUST CAUSES IRRITATION OF EYES, NOSE AND THROAT.

Emergency First Aid Procedures

CONTACT PHYSICIAN AND:

EYES: WASH IMMEDIATELY WITH LARGE AMOUNTS OF WATER LIFTING UPPER AND LOWER LIDS. INHALATION : MOVE TO FRESH AIR, KEEP WARM AND AT REST.

Section VI - Reactivity Data

Stability Unstable Conditions to Avoid N/A

Stable X

Incompatibility Materials to Avoid:

CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE AND EXPLOSIONS.

Hazardous Decomposition Products

N/A

Hazardous Polymerization Max Occur Conditions to Avoid

Will Not Occur X

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled

1. REMOVE ALL IGNITION SOURCES
2. VENTILATE SPILL AREA TO DISPERSE DUST
3. COLLECT RELEASED MATERIAL IN MOST CONVENIENT AND SAFE MANNER FOR RECLAMATION OR FOR DISPOSAL IN A SECURED SANITARY LANDFILL.

Waste Disposal Method

FERROVANADIUM DUST MAY BE DISPOSED OF IN A SECURED SANITARY LANDFILL.

Section VIII - Special Protection Information

Respiratory Protection (Specify Type)

RESPIRATOR APPROVED BY THE "MINE SAFETY AND HEALTH ADMINISTRATION"

Ventilation	Local Exhaust	Special
	Mechanical (General)	

Protective Gloves	Eye Protection
X	X

Other Protective Equipment

Section IX - Special Precautions

Precautions to be Taken in Handling and Storing

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