

MATERIAL SAFETY DATA SHEET

To the Purchaser: This MSDS contains important environmental, health and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

MANUFACTURER'S NAME Ferro Corporation, Abrasives Division	PHONE NO. 716/825-7900
ADDRESS (Number, Street, City, State, & Zip Code) 661 Willet Road, Buffalo, NY 14218	

SECTION I

LABEL NAME & SYNONYMS Silicon Carbide	TRADE NAME & SYNONYMS Electrocarb
CHEMICAL FAMILY Carbide	FORMULA/CHEMICAL NAME SiC

SECTION II

OSHA POTENTIAL HAZARDOUS SUBSTANCE	COMPOSITION	CAS #	LD ₅₀		LC ₅₀			
			%	SPEC.	ORAL	DERMAL	CONC.	HOURS
Silicon Carbide	100	000409-21-2	NA	NA	<5000 mg/kg	NA	NA	NA

ADDITIONAL INFORMATION

INFORMATION FOR MIXTURES IS BASED ON CONSTITUENT MSDS WHICH ARE AVAILABLE UPON REQUEST. (Minus Proprietary Trade Names)
N/A

SECTION IV PHYSICAL HAZARD DATA

BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H ₂ O=1)	Apparent	3.2
VAPOR PRESSURE (mm Hg)	NA	PERCENT VOLATILE BY VOLUME (%)		0%
VAPOR DENSITY (AIR =1)	NA	EVAPORATION RATE (BUTYL ACETATE=1)		N/A
SOLUBILITY IN WATER	not soluble	Melting Point:	Sublimes 2600°C	
APPEARANCE & ODOR	black-odorless			

SECTION IV FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	NA	FLAMMABLE LIMITS	LeI	NA	UeI	NA
EXTINGUISHING MEDIA	NA					
SPECIAL FIRE FIGHTING PROCEDURES	None required					
UNUSUAL FIRE & EXPLOSION HAZARDS AND OTHER PHYSICAL HAZARDS (See below for data on reactivity)	None					

STABILITY	UNSTABLE		CONDITIONS TO AVOID None
	STABLE	X	
INCOMPATIBILITY (Materials to Avoid)			None
HAZARDOUS DECOMPOSITION PRODUCTS			None
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION VI HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	Nasal
PUBLISHED EXPOSURE LIMITS	None
LISTED AS A CARCINOGEN?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
SIGNS AND SYMPTOMS OF OVEREXPOSURE	Lung irritation may be evidenced by shortness of breath.
EFFECTS OF OVEREXPOSURE (Include any medical conditions that are generally recognized as being aggravated by exposure)	Prolonged exposure of dust may lead to pulmonary problems.
EMERGENCY AND FIRST AID PROCEDURES	Remove person from the dusty area.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Uncontaminated material may be scooped up for use. If contaminated scoop or vacuum into a receptacle for disposal.
WASTE DISPOSAL METHOD	Use a sanitary landfill in accord with local, state and federal regulation.
PROTECTIVE MEASURES FOR REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT	Wipe off with damp cloth.

SECTION VIII RECOMMENDED CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type) U.S. Bureau of Mines approved for dusts and pneumoconiosis.			
VENTILATION	LOCAL EXHAUST	Normal dust collector	SPECIAL Not necessary
	MECHANICAL (General)	NA	
PROTECTIVE GLOVES	Not necessary	EYE PROTECTION	Goggles
OTHER PROTECTIVE EQUIPMENT Not necessary			

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING (Including appropriate hygienic practices)	Not necessary
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