



**Chroma/Grit**  
Material Safety Data Sheet  
Issued: 8/11/04  
Supercedes: 8/13/01

**Section I - Chemical Product and Company Identification**

Manufacturers name IKONICS Corporation  
Address 4832 Grand Avenue, Duluth, MN 55807  
Telephone number 218 628-2217 Customer Service  
Emergency phone number 800 424-9300 Chemtrec USA / 703/527-3887 International (collect)  
Product name Chroma/Grit  
Use Silicon carbide

**Section II – Hazardous Ingredients**

<u>Ingredients</u>	<u>Percent</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>VAPOR PSI</u>
Silicon Carbide	98- 100%	409-21-2	Total dust: 15 mg/m3 Respirable: 5 mg/m3	TLV: 15 mg/m3	Not established

**Section III – Physical Data**

Appearance Gray Powder  
Boiling point Not Applicable  
Weight (per gallon) 24.28 lb/gal.  
Percent volatile (by wt) 0%  
Solubility in water Insoluble  
Evaporation rate Not Established  
Vapor density Not Established  
VOC Not Applicable

**Section IV – Fire and Explosion Data**

Flash point Not Applicable  
Extinguishing media As appropriate for surrounding fire.  
Unusual fire & explosion hazards None Known  
Special fire fighting procedures As appropriate for surrounding fire.

**Section V – Health Hazard Data**

HMIS Codes 0-0-0-H Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4

*Effects of overexposure*

Eye contact May cause slight to moderate irritation, abrasive action of dust can damage eyes.  
Skin contact No specific information available.  
Inhalation Airborne particulates may cause slight to moderate irritation of mucous membranes.  
Ingestion No specific information available.

*First aid emergency procedures*

Eye Flush with plenty of water for at least 15 minutes and seek medical attention.  
Skin Wash with soap and water, should irritation occur, seek medical attention.  
Inhalation Remove to fresh air.  
Ingestion Do not induce vomiting. Get medical attention.

**Section VI – Reactivity Data**

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	None known.
Incompatibility (materials to avoid)	None known.
Hazardous decomposition products	None known.
Hazardous polymerization	May occur ___ Will not occur <u>X</u>

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	While wearing protective clothing, eyewear, and the appropriate respiratory protection, clean up using methods which limit dust generation.
Waste disposal method	Dispose of in accordance with federal, state, and local laws.

We make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state, or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

**Section VIII – Control Measures / Personal Protection**

Engineering controls	Ventilation – Local exhaust recommended.
<i>Personal Protection Equipment (PPE)</i>	
Gloves	Rubber gloves as needed.
Eye	Goggles recommended.
Respiratory	Required. Use an appropriate NIOSH/MSHA approved respirator if airborne contaminant concentration exceeds applicable OSHA PEL's or ACGIH TLUS.
Where contact may occur	Apron and safety boots recommended.
Safety shower and eyewash	Should be available.

**Section IX – Handling and Storage**

Handling and storage information	Minimize dust in the work environment and store in original container.
Other precautions	Industrial use only. Keep out of reach of children. Do not take internally. Avoid splashing in eyes.

**Section X – Regulation Information**

DOT classification	Not a DOT controlled material (United States).
TSCA	All ingredients are listed chemicals in the TSCA registry.

Approved by: VP Technology, Toshi Komatsu 218 628-2217 ext.142

Notice to reader

(Approved by U.S. Department of Labor “Essentially Similar” to form OSHA-20)

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