



AN IKONICS COMPANY

**Chroma/Fill- Blue**  
Material Safety Data Sheet  
Issued: 7/27/04  
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/Fill- Blue  
Use Aqueous Screen Filler

**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>
Isopropanol	1.0%	67-63-0	400 ppm	980 mg/M <sup>3</sup>	30.9 mm/Hg. 20°C

**Section III – Physical Data**

Appearance Blue colored liquid emulsion.  
Boiling point 100°C (212° F)  
Weight (per gallon) 8.51 lb/gal.  
Percent volatile (by wt) 87%  
Solubility in water Complete  
Evaporation rate Not Established  
Vapor density Not Established  
VOC 10.21 g/l

**Section IV – Fire and Explosion Data**

Flash point Not Established  
Extinguishing media Not required in liquid state. When dry, use water, foam, CO<sub>2</sub> or dry chemical.  
Unusual fire & explosion hazards None  
Special fire fighting procedures None

**Section V – Health Hazard Data**

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

*Effects of overexposure*

Eye contact No specific information available. Eye contact will cause irritation.  
Skin contact No specific information available. May cause irritation.  
Inhalation No specific information available.  
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 Dilute with water. Seek medical attention

**Section VI – Reactivity Data**

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

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	Contain and remove with inert absorbent material. Caution: Liquid emulsion and diluted emulsion can pose a potential slippage problem in walkways. Use proper PPE when cleaning up a spill.
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 but not required. Provide adequate ventilation as necessary.
<i>Personal Protection Equipment (PPE)</i>	
Gloves	Rubber or neoprene gloves are recommended.
Eye	Personal eye protection is recommended.
Respiratory	Not required.
Where contact may occur	Use proper PPE.
Safety shower and eyewash	Should be available.

**Section IX – Handling and Storage**

Handling and storage information	Protect from freezing and high temperatures.
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)

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under direct supervision, no representation is made that the information is accurate, reliable, complete, or representative and Buyer may rely thereon only at the Buyer’s risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and / or situations involving its handling and uses. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.