



**IMAGE MATE DC 521**  
Material Safety Data Sheet  
Issued: 10/1/10  
Supercedes: 3/21/07

**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 DC 521  
Use Screen Graphics

**Section II – Hazardous Ingredients**

<u>Ingredients</u>	<u>Percent</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>
Acrylate Oligomers /Monomer blend	7.00	Mixture	Not established	Not established	Not established

**Section III – Physical Data**

Appearance Blue liquid  
Boiling point 210°F - 212°F  
Weight (per gallon) 8.82 lb./gal.  
pH value 4.0-5.0  
Solubility in water Dispersible  
Evaporation rate Slower than n-Butyl Acetate  
Percent volatile (by wt) 63%  
Specific gravity 1.06  
VOC < 0.5%

**Section IV – Fire and Explosion Data**

Flash point Greater than 200°F  
Extinguishing media Dry chemical, CO<sub>2</sub>, water spray, or foam.  
Unusual fire & explosion hazards Acrid smoke- fumes of carbon monoxide, carbon dioxide may be released during a fire.  
Special fire fighting procedures For full protection, fire fighters are recommended to wear NIOSH-MSHA approved self-contained breathing apparatus and chemical resistant clothing.

**Section V – Health Hazard Data**

HMIS Codes 1-1-1 Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4  
*Effects of overexposure*  
Eye contact May cause destruction of eye tissue or severe eye irritation.  
Skin contact May cause skin irritation or allergic reaction.  
Inhalation No hazard in normal industrial use. Low volatility makes vapor inhalation unlikely.  
Ingestion No hazard in normal industrial use.  
*First aid emergency procedures*  
Eye Flush with plenty of water for at least 15 minutes and seek medical attention.  
Skin Use waterless skin cleaner followed by soap and water wash. Should irritation occur, seek medical attention.  
Inhalation Remove to fresh air. Give oxygen or artificial respiration. Seek medical attention.  
Ingestion If appreciable quantities are swallowed, do not induce vomiting. Seek medical attention.

**Section VI – Reactivity Data**

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	Strong light, high heat, or exposure to sunlight, radiation or oxidizers.
Incompatibility (materials to avoid)	Heat, oxidizing conditions, radiation, sunlight and strong oxidizers.
Hazardous decomposition products	Acrid smoke- fumes of carbon monoxide, carbon dioxide may be released during a fire.
Hazardous polymerization	May occur __ Will not occur <u>X</u>

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	Contain spills with absorbent material and dispose of saturated material.
Waste disposal method	Place leaking container in a well ventilated area. Dilute the spill with water and absorb the spill with inert material and dispose in accordance with federal, state, and local laws. Use proper PPE when cleaning up a spill.

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 required.
Eye	Personal eye protection is required. Splash goggles (ANSIZ87.1)
Respiratory	Wear O.S.H.A. (29CFR 1910.134) protection as necessary. Do not breathe vapors or mists.
Where contact may occur	Use a face shield, impervious body coverings, and boots (if exposure is severe).
Safety shower and eyewash	Should be available.

**Section IX – Handling and Storage**

Handling and storage information	Do not store at or below 32F- inhibitor can separate as a solid. Store away from extreme heat and do not freeze.
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.
California (Prop 65)	This product contains chemical(s) known to the State of California to cause cancer (c) or reproductive (r) damage. <0.002% Nitritoltriactic acid (c) 139-13-9 Listed January 1, 1988.

Approved by: Troy Bergstedt, Director of Chemical Research, 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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