



AN IKONICS COMPANY

**CP Ceramic**  
Material Safety Data Sheet  
Issued: 7/21/06  
Supercedes: New

**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                    CP Ceramic  
Use                                 Water based emulsion

**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> |
|--|----------------|-------------|-----------------|------------------|------------------|
| There are no hazardous ingredients by reference to the O.S.H.A. Hazardous Communications Standard (29 CFR 1910.1200) | Not Applicable | -----       | -----           | -----            | -----            |

**Section III – Physical Data**

Appearance                      Violet liquid  
Boiling point                    100° C (212° F)  
Weight (per gallon)              9.01 lb/gal.  
Percent volatile (by wt)         56.2%  
Solubility in water               100% Miscible  
Evaporation rate                Not Established  
Vapor density                    Not Established  
VOC                                Not Applicable

**Section IV – Fire and Explosion Data**

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

**Section V – Health Hazard Data**

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

*Effects of overexposure*

Eye contact                        No specific information available. May cause eye injury.  
Skin contact                        No specific information available. May cause skin injury or allergic reaction.  
Inhalation                         No specific information available. Low volatility makes vapor inhalation unlikely.  
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                         If appreciable quantities are swallowed, seek medical attention.

**Section VI – Reactivity Data**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| Stability                            | Unstable___ Stable <u>X</u>           |
| Conditions to avoid                  | Strong light and high heat.           |
| Incompatibility (materials to avoid) | None                                  |
| Hazardous decomposition products     | None                                  |
| 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 recommended.   |
| Eye  | Personal eye protection is recommended.  |
| Respiratory                                | Not required.  |
| 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 | Store away from extreme heat and do not freeze.   |
| Other precautions                | Industrial use only. Keep out of reach of children.<br>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.<br><0.0644% Acetaldehyde (c) 75-07-0 Listed April 1, 1988<br><0.0000004% Nitrilotriacetic Acid (c) 13-913-9 Listed January 1, 1988 |

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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