



AN IKONICS COMPANY

Chroma/Tech R
Material Safety Data Sheet
Issued: 2/24/04
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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/Tech R
Use	Water based emulsion

Section II – Hazardous Ingredients

Ingredients	Percent	CAS#	OSHA PEL	ACGIH TLV	VAPOR PSI
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	Red liquid emulsion
Boiling point	100° C (212° F)
Weight (per gallon)	9.10 lb/gal.
Percent volatile (by wt)	50%
Solubility in water	Miscible
Evaporation rate	Slower, than water
Vapor density	Heavier, than air
VOC	Not Applicable

Section IV – Fire and Explosion Data

Flash point	Greater than 170° F
Extinguishing media	Class B fire extinguisher
Unusual fire & explosion hazards	Under high heat, decomposition products may present a hazard.
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	1-0-1-H&O	Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4
<i>Effects of overexposure</i>		
Eye contact	No specific information available. May cause irritation.	
Skin contact	No specific information available. May cause irritation.	
Inhalation	No specific information available.	
Ingestion	No specific information available.	
<i>First aid emergency procedures</i>		
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	Drink water, do not induce vomiting. Consult physician or poison control center.	

Section VI – Reactivity Data

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	Strong light and high heat.
Incompatibility (materials to avoid)	Light, heat, oxidizers
Hazardous decomposition products	If burned, will give off oxides of nitrogen, CO ₂ and CO.
Hazardous polymerization	May occur ___ Will not occur <u>X</u>

Section VII – Spill or Leak Procedures

Spill cleanup instructions	Wash with copious amounts of water. Absorb diluted spill and dispose. Use proper PPE when cleaning up a spill.
Waste disposal method	Either A) Incinerate at authorized facility or B) Landfill in authorized facility 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	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	Store between 50°F-80°F for maximum storage life.
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). Does not sustain combustion according to ASTM 4206 or Appendix H procedures in 49 CFR 173.120 (a) (3).
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. <0.004% Acetaldehyde (c) 75-07-0 Listed April 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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