

Section I - Chemical Product and Company Identification

Manufacturers name	IKONICS Corporation
Address	4832 Grand Avenue, Duluth, MN 55807
Telephone number	218-628-2002 Customer Service
Emergency phone number	800-424-9300 Chemtrec USA / 703-527-3887 International (collect)
Product name	Rapid Mask HD and Rapid Mask HT Film
Use	UV Light Sensitive Film

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	Green Film
Boiling point	Not Applicable
Weight (per gallon)	Not Applicable
Percent volatile (by wt)	Not Applicable
Solubility in water	Not Applicable
Evaporation rate	Not Applicable
Vapor density	Not Applicable
VOC	Not Applicable

Section IV – Fire and Explosion Data

Flash point	Not Applicable
Extinguishing media	Foam, CO ₂ , dry chemical, or water spray.
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
<i>Effects of overexposure</i>	
Eye contact	Avoid contact with eyes.
Skin contact	May take the form of redness and itching of the affected area; there may also be slight blistering. Some people may develop sensitization over a period of time. (Allergic response/dermatitis).
Inhalation	Inhaling vapors from heated film may result in dryness and irritation of the respiratory tract.
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	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 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	None.
Waste disposal method	Dispose of as solid waste 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.
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Personal Protection Equipment (PPE)

Gloves	Neoprene or latex gloves recommended.
Eye	Recommended.
Respiratory	Not required.
Where contact may occur	Use recommended PPE.
Safety shower and eyewash	Not required.

Section IX – Handling and Storage

Handling and storage information	Keep film away from direct heat (sun, etc). Store film in a cool (70-80°F, 21-26°C), dark area to maximize shelf life.
Other precautions	Industrial use only. Keep out of reach of children. Do not take internally. Avoid eye and skin contact.

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.