



IHE Films
Material Safety Data Sheet
Issued: 1/06/11
Supercedes: New

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 IHE Films
Use Sandblast Resist Stencil

Section II – Hazardous Ingredients

Ingredients	Percent	CAS#	OSHA LEL	ACGIH TLV	VAPOR PSI
There are no hazardous ingredients by reference to the O.S.H.A. Hazardous Communications Standard (29 CFR 1910.1200)					

Section III – Physical Data

Appearance Blue Film
Boiling point Not Applicable
Weight (per gallon) Not Applicable
Percent volatile (by wt) Not Applicable
Solubility in water Coating 100% prior to exposure to UV light.
Evaporation rate Not Applicable
Vapor density Not Applicable
VOC Not Applicable

Section IV – Fire and Explosion Data

Flash point Not Applicable
Extinguishing media Water, foam, CO2, or dry chemical.
Unusual fire & explosion hazards None
Special fire fighting procedures None

Section V – Health Hazard Data

HMIS Codes 0-0-0-C & Q Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4
Effects of overexposure
Eye contact Prolonged contact may be irritating.
Skin contact May cause skin injury (reddening or swelling) and / or sensitization /allergic reaction.
Inhalation No specific information available.
Ingestion Ingestion may be harmful.
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.
Ingestion If appreciable quantities are swallowed, seek medical attention.

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Section VI – Reactivity Data

Stability Unstable___ Stable X
Conditions to avoid None
Incompatibility (materials to avoid) None
Hazardous decomposition products None
Hazardous polymerization May occur ___ Will not occur X

Section VII – Spill or Leak Procedures

Spill cleanup instructions NA
Waste disposal method Dispose 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.
Personal Protection Equipment (PPE)
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.
Where contact may occur Use the proper PPE.
Safety shower and eyewash Should be available.

Section IX – Handling and Storage

Handling and storage information IKONICS recommends that film be stored in a cool, dry area. For maximum shelf life, store film between 65°F and 75°F (20°C - 25°C). Avoid white light.
Other precautions Industrial use only. Keep out of reach of children.

Section X – Regulation Information

DOT 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.
<0.000015 % Arsenic Listed February 27, 1987
<0.000035 % Cadmium Listed October 1, 1987
<0.00013 % Chromium Listed February 27, 1987
<0.000015 % Lead Listed February 27, 1987
<0.0000015 % Mercury Listed July 1, 1990

Approved by: Director of Chemical Research, Troy Bergstedt 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.