



ImagePro Super Film
 Material Safety Data Sheet
 Issued: 8/17/04
 Supercedes: 7/9/01

Section I - Chemical Product and Company Identification

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|------------------------|--|
| 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 | ImagePro Super Film |
| Use | Photo Resist 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

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|--------------------------|----------------|
| Appearance | Purple Film |
| Boiling point | Not Applicable |
| Weight (per gallon) | Not Applicable |
| Percent volatile (by wt) | Not Applicable |
| Solubility in water | 100% |
| Evaporation rate | Not Applicable |
| Vapor density | Not Applicable |
| VOC | Not Applicable |

Section IV – Fire and Explosion Data

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|----------------------------------|---|
| 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

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| HMIS Codes | 0-1-0-B Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4 |
| <i>Effects of overexposure</i> | |
| Eye contact | No specific information available. |
| Skin contact | Prolonged contact may be irritating. |
| Inhalation | No specific information available. |
| Ingestion | Ingestion may be harmful. |
| <i>First aid emergency procedures</i> | |
| Eye | Flush with plenty of water. If irritation persists, 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. Do not induce vomiting. |

Section VI – Reactivity Data

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|--------------------------------------|---|
| Stability | Unstable___ Stable <u>X</u> |
| Conditions to avoid | None known. |
| Incompatibility (materials to avoid) | None known. |
| Hazardous decomposition products | May produce hazardous fumes when heated to decomposition. Fumes may contain CO ₂ and CO. |
| Hazardous polymerization | May occur __ Will not occur <u>X</u> |

Section VII – Spill or Leak Procedures

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|----------------------------|--|
| 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

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| Engineering controls | Ventilation- Local exhaust recommended but not required. |
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Personal Protection Equipment (PPE)

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|---------------------------|----------------------|
| Gloves | Recommended. |
| Eye | Recommended. |
| Respiratory | Not required. |
| Where contact may occur | Use recommended PPE. |
| Safety shower and eyewash | Should be available. |

Section IX – Handling and Storage

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|----------------------------------|---|
| Handling and storage information | None. |
| Other precautions | Industrial use only. Keep out of reach of children. Do not take internally. |

Section X – Regulation Information

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| 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)

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