



**Stencil Remover 285**  
 Material Safety Data Sheet  
 Issued: 4/29/04  
 Supercedes: 4/19/04

**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              Stencil Remover 285  
 Use                             Liquid stencil remover (Concentrated)

**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>
Solution of periodic acid	15%	10450-60-9	Not established	Not established	Not established

**Section III – Physical Data**

Appearance                Clear liquid  
 Boiling point              212°F  
 Weight (per gallon)      9.74 lb./gal.  
 Percent volatile (by wt)   Not Applicable  
 Solubility in water        Complete  
 Evaporation rate         Not Established  
 Vapor density              Not Established  
 VOC                          Not Applicable  
 pH (concentrate)         <2.0

**Section IV – Fire and Explosion Data**

Flash point                 Not Applicable  
 Extinguishing media      Dry chemical, CO<sub>2</sub>, water spray, or foam.  
 Unusual fire & explosion hazards Do not use direct water steam, can cause splattering.  
 Special fire fighting procedures Fire fighters should wear chemical protective equipment and positive pressure, self-contained breathing apparatus.

**Section V – Health Hazard Data**

HMIS Codes                2-0-0-H & O      Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4  
*Effects of overexposure*  
 Eye contact                Overexposure may cause irritation and burns to eyes.  
 Skin contact                Overexposure may cause irritation and burns to skin. Repeated or prolonged contact may cause skin rash, runny nose, headache, and irritation of the mucous membranes.  
 Inhalation                 Overexposure may cause irritation and burns to respiratory tract.  
 Ingestion                  Overexposure may cause irritation and burns gastrointestinal tract.  
*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 and give artificial respiration if not breathing. Call a physician.  
 Ingestion                  Seek medical attention immediately. Do not induce vomiting.

**Section VI – Reactivity Data**

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	None
Incompatibility (materials to avoid)	Will react violently with reducing agents.
Hazardous decomposition products	Fumes of iodine and oxides of iodine.
Hazardous polymerization	May occur ___ Will not occur <u>X</u>

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	If spill is indoors, ventilate area of spill. Neutralize spill. Clean up with absorbent material. Place into a suitable container. Use proper PPE when cleaning up a spill.
Waste disposal method	Dispose of 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.
<i>Personal Protection Equipment (PPE)</i>	
Gloves	Rubber or neoprene gloves are required.
Eye	Personal eye protection is required.
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	Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Keep containers tightly closed when not in use. Store away from incompatibles. Store in a cool, dry, well ventilated area.
Other precautions	Avoid run-off into storm sewers and ditches., which may lead to natural waterways. Industrial use only. Keep out of reach of children. Do not take internally. Avoid splashing in eyes.

**Section X – Regulation Information**

DOT classification	Corrosive liquids, n.o.s. (solution of periodic acid), Class 8, UN1760, PGIII.
TSCA	All ingredients are listed chemicals in the TSCA registry.
SARA Title III	This product does not contain chemicals subject to the reporting of requirements of SARA Title III, Section 313, and 40 CFR Part 372.

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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