



**Stencil Remover 100**  
 Material Safety Data Sheet  
 Issued: 3/4/04  
 Supercedes: 5/15/01

**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 100  
 Use                             Stencil reclaimer powder

**Section II – Hazardous Ingredients**

Ingredients	Percent	CAS#	OSHA PEL	ACGIH TLV	VAPOR PSI
Sodium Metaperiodate	100%	7790-28-5	Not established	Not established	Not established

**Section III – Physical Data**

Appearance                White Crystalline powder  
 Boiling point              Not Applicable  
 Weight (per gallon)      Not Applicable  
 Percent volatile (by wt)   Not Applicable  
 Solubility in water        Moderate  
 Evaporation rate         Not Established  
 Vapor density              Not Established  
 VOC                          Not Applicable  
 pH                             2.8-3.0

**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 Strong oxidizing agent. Keep away from organic materials, finely powdered metals (especially magnesium), combustibles. May form explosive mixtures with these compounds.  
 Special fire fighting procedures Flush with plenty of water.

**Section V – Health Hazard Data**

HMIS Codes                2-0-1-H & O      Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4  
*Effects of overexposure*  
 Eye contact                Overexposure may cause irritation and redness to eyes.  
 Skin contact                Overexposure may cause irritation and redness to skin. Repeated or prolonged contact may cause irritation to skin and mucous membranes.  
 Inhalation                 Can cause eczema and asthma (on inhalation) to allergic persons.  
 Ingestion                  No specific information available.  
*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. Induce vomiting and pump out stomach immediately.

**Section VI – Reactivity Data**

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	Stable under normal conditions, however, avoid excessive heat and moisture.
Incompatibility (materials to avoid)	Combustibles, organic materials, fine metal powders, reducing agents.
Hazardous decomposition products	Iodine, oxides of iodine, hydrogen, iodide, and sodium oxide.
Hazardous polymerization	May occur ___ Will not occur <u>X</u>

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	Contain spills with absorbent material and dispose of absorbent material in appropriate manner. 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	Keep container closed when not in use.
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	Oxidizing solid, n.o.s. (sodium metaperiodate), Class 5.1, UN1479, 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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