

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE  
LOS ANGELES, CA 90040  
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** ESN Gel Polish (All Shades)**DATE:** 5/24/2004**REV.:** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Acrylated Oligomer	N/A	50-100%	None Established
Hydroxypropyl Methacrylate	27813-02-1	0-20%	None Established

**Section 2. Physical / Chemical Characteristics**

**Boiling Point:** N/A  
**Vapor Pressure:** Not Available  
(mm Hg and Temperature)  
**Vapor Density:** Not Available  
(Air = 1)  
**Solubility in Water:** Insoluble  
**Appearance:** Thick Viscous Liquid  
**Odor:** Faint Odor

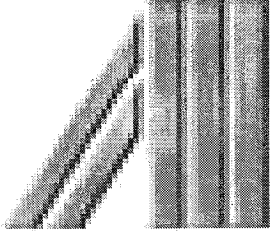
**Specific Gravity:** Approximately 1.00  
(@ 25°C)  
**Melting Point:** N/A  
**Evaporation Rate:** Negligible  
**Water Reactive:** No

**Section 3. Fire and Explosion Hazard Data**

**Flash Point and Method Used:** 188°F (Tag Closed Cup)  
**Auto-Ignition Temperature:** N/A  
**Flammability Limits in Air % by Volume:** **LEL:** N/A  
**UEL:** N/A  
**Extinguisher Media:** CO<sub>2</sub>, dry chemical, or foam.  
**Special Fire Fighting Procedures:** Cool exposed containers with water spray. Use self-contained breathing apparatus in confined areas.  
**Unusual Fire and Explosion Hazards:** Product may polymerize at high temperatures. Polymerization is an exothermic reaction and may produce sufficient heat to cause decomposition and/or rupture containers.

**Section 4. Reactivity Hazard Data**

**Stability:**  Stable  Unstable  
**Conditions to Avoid:** Polymerization may occur at high temperatures.  
**Incompatibility (Materials to Avoid):**  
Direct heat, sunlight, primary and secondary amines, acids, and alkalis.  
**Hazardous Polymerization:**  
 May Occur  Will Not Occur



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**Section 5. Health Hazard Data**

**Primary Routes of Entry:**

Inhalation                       Skin Absorption                       Ingestion                       Eye Contact

**Carcinogen Listed In:**

NTP                       IARC Monograph                       OSHA                       Not Listed

**Health Hazards:**

Acute: May cause skin irritation in certain individuals. Eye contact: may be irritating.  
Chronic: May cause dermal sensitization in certain individuals.

**Signs and Symptoms of Exposure:**

Redness, itching or swelling of skin. May cause eye irritation.

**Medical Conditions Generally Aggravated by Exposure:**

None known.

**Emergency First Aid Procedures:**

Eye Contact: Thoroughly flush eyes with water. Contact a physician.  
Skin Contact: Remove contaminated clothing, wash with soap and water. Contact a physician.  
Inhalation: Not applicable.  
Ingestion: Do not induce vomiting. Seek medical attention.

**Section 6. Control and Protective Measures**

**Respiratory Protections (Specific Type):**

Not required with normal use.

**Protective Gloves:** Recommended for sensitive skin.

**Eye Protection:** Safety goggles.

**Ventilation to be Used:**

Local Exhaust                       Mechanical (General)                       Special                       Other (Specify)

**Other Protective Clothing and Equipment:**

None

**Hygienic Work Practices:**

Good Manufacturing Practices.

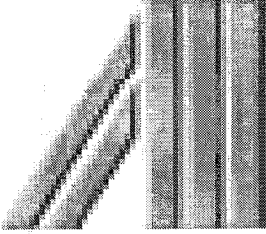
**Section 7. Precautions for Safe Handling and Use / Leak Procedures**

**Steps to be Taken if Material is Spilled or Released:**

Soak up with inert absorbent material (sand, vermiculite). Flush area immediately with water. Prevent water from entering waterways.

**Waste Disposal Methods:**

Use landfill or incinerate in accordance with applicable local, state, and federal regulations.



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**Precautions to be taken in Handling and Storing:**

Store in a cool, shaded, well ventilated, dry area away from direct heat and sunlight.

**Other Precautions and/or Special Hazards:**

None