

# MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Viper Products  
Address: 87 Sachem Dr  
Middletown, Ct 06457  
Phone: 800-942-8754  
Emergency Number: Chemtrec (800) 424-9300/OVERSEAS (703) 527-3887

## SECTION I - CHEMICAL PRODUCT

Product Name: Power Gel Product Type: Cyanoacrylate Ester  
Date Created: 5/7/99

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous Component</u> | <u>CAS Number</u> | <u>%</u> |
|----------------------------|-------------------|----------|
| Ethyl-2 Cyanoacrylate      | 7085-85-0         | 80-90    |
| Poly Methyl Methacrylate   | 9011-14-7         | 10-20    |
| Amorphous Silica           | 112945-52-5       | 5-10     |

| <u>Exposure Limits (TWA)</u>         | <u>ACGIH (TLV)</u> | <u>OSHA (PEL)</u> |
|--------------------------------------|--------------------|-------------------|
| <u>OTHER</u>                         |                    |                   |
| Ethyl-2 Cyanoacrylate                | 0.2 ppm            | none              |
| None                                 |                    |                   |
| Amorphous Silica<br>mg/m3 resp. dust | 10 mg/m3           | 6 mg/m3           |

Exposure Limits (STEL)

## SECTION III - HAZARDS IDENTIFICATION

Toxicity: Skin contact may cause burns. Bonds rapidly and strongly to skin.  
Skin and eye irritant. Estimated oral LD50 more than 5000mg/kg

Primary Routes of Entry: Inhalation

Signs of Exposure: Vapor is irritating to eyes and mucous membranes above TLV. Prolonged and repeated Overexposure to vapors may produce symptoms of non-allergic asthma in sensitive individuals.

## SECTION IV - FIRST AID MEASURES

Ingestion: Ingestion is unlikely. See supplemental section for emergency action.  
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.  
Skin Contact: Soak in warm water. See supplemental section for emergency action.  
Eye Contact: Flush with warm water. See supplemental section for emergency action.

## SECTION V - FIRE FIGHTING MEASURES

Flash Point: 150-200F, Tag Closed Cup  
Extinguishing Media: Foam, Dry Chemical or Carbon Dioxide  
Unusual Fire or Explosion Hazards: Vapors exceeding the flash point will ignite when exposed to flame.  
Special Fire Fighting Procedures: Wear self-contained breathing apparatus.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Flood with water to polymerize. Soak up with inert absorbent.

## SECTION VII - HANDLING AND STORAGE

Safe storage: Store away from heat and direct sunlight to maximize shelf life. Store inside a dry location.

Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.

**SECTION VIII - PROTECTIVE EQUIPMENT**

Ventilation: Local exhaust ventilation recommended to maintain vapor level below TLV.  
Respiratory Protection: Not applicable with good local exhaust.  
Skin: Polyethylene or non reactive gloves. Do not use cotton or wool. See supplemental page for more information.  
Eye Protection: Safety glasses or goggles with side shields.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear Gel  
Odor: Sharp, pungent  
Boiling Point: Greater than 300F  
Vapor Pressure: Less than .2mmHg @ 20C  
Vapor Density: Approximately 3 (Air=1)  
Evaporation Rate: Not applicable  
Specific Gravity: 1.10  
Solubility in Water: Negligible. Polymerized by water.  
Volatile Organic Compound:  
(EPA Method 24) 98.6% 1025.4 grams per liter  
(SCQAMD Method 316B)0.48% 5.0 grams per liter

**SECTION X - STABILITY AND REACTIVITY**

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Polymerized by contact with water, alcohol, amines, and alkalis

**SECTION XI - TOXICOLOGICAL INFORMATION**

See Section 3

**SECTION XII - ECOLOGICAL INFORMATION**

No Data

**SECTION XIII - DISPOSAL CONSIDERATIONS**

Spill or accidental release: Flood with water to cure (harden) adhesive. Soak up with an inert absorbent.  
Disposal procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA hazardous waste.

**SECTION XIV - TRANSPORTATION INFORMATION**

Domestic Ground Transport:  
Proper shipping name: \_\_\_\_\_Unrestricted (not more than 450 liters)  
Combustible liquid, n.o.s. (More than 450 liters)  
Hazard class or division: Unrestricted (not more than 450 liters)  
Combustible liquid (more than 450 liters)  
Identification number: None (not more than 450 liters)  
NA 1993 (more than 450 liters)  
Marine pollutant: No

**SECTION XV - REGULATORY INFORMATION**

CA Proposition 65: No information

**SECTION XVI - OTHER INFORMATION**

| <u>HAZARD NFPA HAZARD CODE</u> |   | <u>HMIS HAZARD CODE</u> |
|--------------------------------|---|-------------------------|
| Health                         | 2 | 2                       |
| Fire                           | 2 | 2                       |

Reactivity 2

2

Specific Hazard No Water

Personal Protection: See Section 8

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