

<b>Material Safety Data Sheet</b> <b>Issue Date: 01-11-02</b>		<b>Product Code: VT-115 Super Glue Gel</b>
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**1. Identification of the substance/preparation and of the company/undertaking**

**Product name:** VT/115 Super Glue Gel

<b>Company:</b> Vital Technical Sdn. Bhd. No.7, Jalan Helang Hindik (Jalan 117) Kepong Baru Industrial Estate 52100 Kuala Lumpur, Malaysia	Tel: +603-62734088 Fax: +603-62736685 Email: sales@vitaltechnical.com Website: www.vitaltechnical.com
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**2. Composition/information on ingredients**

Chemical Name	CAS No.	Proportion(%)
Ethyl - 2 - Cynoacrylate	7085-85-0	86-99
Polymethyl Methacrylate	9011-12-7	1-14

Further information:  
 This sheet only contains safety relevant data. For specific data, see Technical Data Sheet.

**3. Hazards identification**

Cyanoacrylate! Danger bonds skin and eyelids within seconds. Keep out of reach of children.

**4. First-aid measures**

- General information: No special measures required
- After inhalation: Supply fresh air
- After skin contact: Instantly wash with soap and rinse thoroughly
- After eye contact: Rinse opened eye for several minutes under running water, then consult doctor.
- After swallowing: Call a doctor immediately

*\*Information for doctor:*

- The following symptoms may occur: Breathing difficulty
- Treatment: In case of irritation to lungs, initial treatment with Daxametason metered aerosol

**5. Fire-fighting measures**

- Suitable extinguishing media: CO2, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam

**Special hazards caused by the material, its products of combustion or flue gases:**

- Formation of toxic gases is possible during heating or in case of fire.
- Can be released in case of fire: Nitrogen oxides (Nox), Carbon monoxide (CO)
- Protective equipment: Do not inhale explosion gases or combustion gases

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**6. Accidental release measure**

- Person-related safety precautions: Ensure adequate
- Measure for environmental precaution: Prevent material from reaching sewage system, holes and cellars
- Measure for cleaning/collecting: Collect mechanically
- Absorb with liquid/binding material (sand, diatomite, acid binders, universal binders, sawdust)
- Additional information: No dangerous materials are released

**7. Handling and storage**

- Handling: Ensure good ventilation during processing
- Protection against fire/explosion: General rules of fire prevention should be observed
- Storage: Keep container tightly closed and dry. Store in a well-ventilated area

**8. Exposure controls/personal protection**

- Ingredients with limiting values to be controlled  
TLV (TRGS 900/D): Not indicated
- Industrial hygiene: Remove immediately all contaminated clothing. Do not inhale vapours/aerosols
- Hand protection: Suitable protective gloves
- Eye protection: Protective goggles

**9. Physical and chemical properties**

- Form: Fluid
- Color: Colorless
- Viscosity: >50,000 cps (thixo)
- Odor: Characteristic
- Max. operating temperature: -50°C to 82°C
- Flash point: >85°C
- Ignition temperature: Not determined
- Specific gravity: 1.08
- Solubility in water (20°C): Non-solubility

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<p><b>10. Stability and reactivity</b></p> <p>Thermal decomposition/conditions to be avoided:</p> <ul style="list-style-type: none"> <li>• No decomposition if used according to specifications</li> </ul> <p>Dangerous reactions</p> <ul style="list-style-type: none"> <li>• Exothermic polymerization</li> <li>• Violent reactions with strong alkalis and oxidizing agents</li> <li>• Reacts violently with water</li> </ul> <p>Dangerous products of composition:</p> <ul style="list-style-type: none"> <li>• No dangerous decomposition products known</li> </ul>
<p><b>11. Toxicological information</b></p> <ul style="list-style-type: none"> <li>• Acute toxicity: Not determined</li> </ul> <p>Primary irritant effect:</p> <ul style="list-style-type: none"> <li>• On the skin: Irritant for skin and mucous membranes</li> <li>• On the eye: Irritant effect</li> <li>• Sensitization: Sensitization possible by inhalation</li> </ul> <p>Additional toxicological information: When used and handled according to specification, the product does not have any harmful effects according to our experience and the information provided to us. The material is not subject to classification according to EC lists in the last version.</p>
<p><b>12. Ecological information</b></p> <p>Water hazard class O (self-assessment): Generally not hazardous for water</p>
<p><b>13. Disposal considerations</b></p> <p>Recommendation:</p> <ul style="list-style-type: none"> <li>• Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.</li> <li>• Polymerise carefully with water or alkali</li> <li>• Uncleaned packaging: Polymerise carefully with water or alkali</li> </ul>
<p><b>14. Transport information</b></p> <p>No classification as hazardous for transport regulations</p>

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**15. Regulatory information**

- The product has not been classified and labeled in accordance with EC Directives/relevant national law
- Cyanoacrylate-Danger! Bonds skin and eyelids within seconds. Should be kept out of reach of children's reach

**16. Other information**

The details contained herein are based on our present state of knowledge and experience are characterize our product with regard to any possible safety requirement. We do, however, pass them on without any warranty or property assurances.