

<b>Material Safety Data Sheet</b> <b>Issue Date: 01-11-02</b>		<b>Product Code:</b> <b>VT-230/133</b> <b>Vital Nails</b>
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**1. Identification of the substance/preparation and of the company/undertaking**

**Product name:** VT-230/133 Vital Nails

**Company:** 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

**2. Composition/information on ingredients**

Chemical name	CAS No.	Proportion (%)
Mineral Filler	-	30 – 60%
Hexane	64742-49-0	10 – 30%
Resin	-	10 – 30%
Synthetic Rubber	-	10 – 30%
EVA Polymer	-	1 – 10%
Additives	-	1 – 10%

Further information:

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

**3. Hazards identification**

May cause sensitization by skin contact-irritating to eyes, respiratory system and skin. Harmful by inhalation, in contact with skin and if swallowed.

**4. First-aid measures**

- Take off immediately all contaminated clothing
- After skin contact: Clear with water and skin cleanser immediately
- After eye contact: Rinse with plenty of water immediately, seek medical advice if necessary
- After ingestion: Seek medical advice immediately

**5. Fire-fighting measures**

- Suitable extinguishing media: Water spray, foam, CO2, dry powder
- Unsuitable extinguishing media: -

**6. Accidental release measure**

Shut off all possible sources of ignition. Clean up personnel to wear appropriate personal protective equipment. Prevent spreading of flammable vapours. Collect spill in clearly labeled container for disposal as per statutory regulations. Wash down area where spill occurred. Do not empty into drains.

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**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: Pastry
- Color: Pale grey/tan
- Odour: Solvent odour
- Boiling temperature: 62 - 68°C (hexane)
- Vapour pressure: NA
- Specific gravity: 1.16g/cm<sup>3</sup>
- Flammability limits: Upper: 7.5% (hexane)  
Lower: 1.2% (hexane)
- Solubility in water: Immiscible

**10. Stability and reactivity**

Incompatible with strong oxidizing agents, acids and sources of ignition

**11. Toxicological information**

- Skin: May cause moderate irritation. Repeated skin contact may cause allergic skin reaction
- Eyes: Possibility irritating
- Inhaled: High vapour concentration may cause irritation, headache and dizziness

**12. Ecological information**

No data available (preparation)

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<p><b>13. Disposal considerations</b></p> <ul style="list-style-type: none"> <li>Product: With respect to local regulations, e.g. dispose of to suitable waste incineration plant</li> </ul>																														
<p><b>14. Transport information</b></p> <p>Not available</p>																														
<p><b>15. Regulatory information</b></p> <p>Classified as Class 3, UN.No.1133, therefore should be packed and labeled according to the relevant regulations.</p> <table border="0"> <tr> <td>Risk phrases:</td> <td>R11</td> <td>Highly Flammable</td> </tr> <tr> <td></td> <td>R20</td> <td>Harmful by inhalation</td> </tr> <tr> <td></td> <td>R21</td> <td>Harmful in contact with skin</td> </tr> <tr> <td></td> <td>R22</td> <td>Harmful if swallowed</td> </tr> <tr> <td></td> <td>R48</td> <td>Danger of serious damage to health by prolonged exposure</td> </tr> <tr> <td>Safety phrases:</td> <td>S9</td> <td>Keep container in a well ventilated place</td> </tr> <tr> <td></td> <td>S16</td> <td>Keep away from sources of ignition – No smoking</td> </tr> <tr> <td></td> <td>S24/25</td> <td>Avoid contact with skin and eyes</td> </tr> <tr> <td></td> <td>S29</td> <td>Do not empty into drains</td> </tr> <tr> <td></td> <td>S51</td> <td>Use only in well ventilated areas</td> </tr> </table>	Risk phrases:	R11	Highly Flammable		R20	Harmful by inhalation		R21	Harmful in contact with skin		R22	Harmful if swallowed		R48	Danger of serious damage to health by prolonged exposure	Safety phrases:	S9	Keep container in a well ventilated place		S16	Keep away from sources of ignition – No smoking		S24/25	Avoid contact with skin and eyes		S29	Do not empty into drains		S51	Use only in well ventilated areas
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<p><b>16. Other information</b></p> <p>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.</p>																														