



**Health and Safety at Work - Control of Substances Hazardous to Health.**

**Material Safety Data Sheet.**

MSDS No: VI2

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**1) Chemical Product and Company Identification.**

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PRODUCT NAME:	VII, VI2, VI2(50)
OTHER/GENERIC NAMES:	None.
FORM:	Mesh
PRODUCT USE:	Resin infusion mesh
MANUFACTURER/DISTRIBUTOR:	Aerovac Systems Ltd 500 Bradford Road, Sandbeds, Keighley. W. Yorks. BD20 5NG England.

For More Information Call: 01274 550500 Mon. - Fri. 9:00-17:00 Hrs.

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**2) Composition/Information on Ingredients.**

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This product is produced from a preparation  
High density polyethylene and various additive  
No hazardous ingredients

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**3) Hazards Identification.**

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**EMERGENCY OVERVIEW:** This product is not considered to be hazardous to man or the environment under ambient conditions

**Potential Health Hazards:** At elevated processing temperatures, some irritating fumes may be evolved. In a fire irritating and toxic fumes may be evolved

SKIN: None.  
EYES: None.  
INHALATION: None at ambient temperatures.  
INGESTION: None.  
DELAYED EFFECTS: None.

Ingredients found on one of the OSHA designated carcinogen lists are listed below:

None listed by source.

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#### 4) First Aid Measures.

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SKIN: N/A

EYES: N/A

INHALATION: If fumes released at elevated temperature are inhaled, remove person to fresh air. If respiratory problems develop or persist, seek medical attention

INGESTION: N/A

ADVICE TO PHYSICIAN: N/A

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#### 5) Fire Fighting Measures.

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Flammable Properties.

FLASHPOINT: >350°C

FLASH POINT METHOD: N/A.

AUTO IGNITION TEMPERATURE: >370°C

UPPER FLAME LIMIT (vol. % in air): ----

LOWER FLAME LIMIT (vol. % in air): ----

EXTINGUISHING MEDIA: Water, water/foam, CO<sub>2</sub>, ABC fire extinguisher powder

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Treat the product as solid that can burn. The product will burn slowly with flaming drips

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS: Do not approach fire in a confined space without positive pressure self-breathing apparatus and full bunker gear: bunker coats, helmets with face shield, gloves, rubber boots.

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#### 6) Accidental Release Measures.

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IN CASE OF SPILL OR OTHER RELEASE: No special requirements

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#### 7) Handling and Storage

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NORMAL HANDLING: Care should be exercised in handling rolls due to their size and weight

STORAGE RECOMMENDATIONS: Prolonged storage in direct sunlight may result in some deterioration of the product

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## 8) Exposure Controls/Personal Protection.

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No particular hazards in normal usage

VENTILATION: N/A

FIRE AND EXPLOSIONS: Keep material away from sources of ignition

PERSONAL PROTECTIVE EQUIPMENT: N/A

SKIN PROTECTION: Not usually required.

EYE PROTECTION: Not usually required.

RESPIRATORY PROTECTION: Not required at ambient temperatures.

ADDITIONAL RECOMMENDATIONS: None.

EXPOSURE GUIDELINES/ LIMITS: None.

OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS: None stated.

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## 9) Physical and Chemical Properties.

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APPEARANCE: Green continuous mesh

PHYSICAL STATE: Solid under ambient conditions

ODOUR: No special odour

SPECIFIC GRAVITY: (H<sub>2</sub>O = 1.0): Not stated

SOLUBILITY IN WATER (weight %): Insoluble.

pH: N/A

BOILING POINT: N/A

MELTING POINT: 120-150°C

FLASHPOINT: >350°C

SOLUBLE IN: Not stated

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## 10) Stability and Reactivity.

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CHEMICAL STABILITY: This material is chemically unreactive, under certain conditions however hazardous reactions can take place

INCOMPATIBILITIES/ REACTS: Avoid strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS: If thermal degradation occurs, irritating or toxic fumes may be evolved, the nature of which depends on the temperature and environment

HAZARDOUS POLYMERISATION: None known.

THERMAL DECOMPOSITION: Begins at >300°C

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### 11) Toxicological Information.

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GENERAL: This material appears to be non-toxic in standard toxicological and ecotoxicological tests and is regarded as biologically inert.

IMMEDIATE (ACUTE) EFFECTS: None known.

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS: None known.

TOXICITY OF PRODUCT: None known

OTHER DATA: None known

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### 12) Ecological Information.

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Very low UC degradability

No indication that this material is any risk to the environment

No water hazard (insoluble non-toxic solid)

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### 13) Disposal Considerations.

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This material presents no danger as regards toxicological or ecological considerations. It can be disposed of via landfill or incineration, in accordance with local authority regulations. It could also be recycled.

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### 14) Transport Information.

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This product is not subject to any special transport regulations

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### 15) Regulatory Information.

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This product is not considered dangerous under EEC directives

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## 16) Other Information.

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CURRENT ISSUE DATE: February 2002

PREVIOUS ISSUE DATE: None.

CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING: N/A.

OTHER INFORMATION: This material safety data sheet was prepared in compliance with Council Directive 91/155/EEC, 67/548 and 88/379/EEC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

The above information describes exclusively the safety requirements of the product(s) and is based on our present day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

The information contained in this sheet does not constitute a hazard assessment and should not be used in place of the user's own assessment of workplace risks as required by other health and safety legislation.