



## Safety Data Sheet

### 1. Product and company identification

Supplier: The Vapormatic Co. Ltd  
PO Box 58, Kestrel Way  
Sowton Industrial Estate,  
Exeter, EX2 7NB, England

Phone Number: 00 44 (0)1392 435461  
Fax Number: 00 44 (0)1392 438445  
Email: [enquiries@vapormatic.com](mailto:enquiries@vapormatic.com)

Product Name: Water Resistant Sealant  
Product Code: VLB4236 310ml cartridges

### 2. Composition – information on the components

Substance Name	EC No.	CAS No.	% by Wt	Hazard Symbols	Risk Phrases
n-Butylacetate		123-86-4-10	30 - 10		
Xylene, mixture 10/21 - 21/38 of isomers		1330-20-7	1-5	Xn	

Chemical Characterisation : Mixture based on Styrene Butadiene Styrene rubber in solvent with additives.  
Exposure limits in various countries have to be taken into account.

### 3. Hazard Identification:

Main Hazards: Inflammable.  
Harmful by inhalation and in contact with skin.  
Irritating to skin.

### 4. First Aid Measures:

First Aid – Eyes Remove contact lenses if worn. Flush immediately with Water for at least 15 minutes. Get immediate medical attention

First Aid – Skin Remove completely with dry paper towel before washing with soap and water. Remove polluted clothing.

Cont.....



## Safety Data Sheet

First Aid – Ingestion

DO NOT INDUCE VOMITING. Give person plenty of water to drink. If vomiting occurs hold head low in order to prevent ingestion into lungs. Get immediate medical attention.

First Aid – Inhalation

Remove exposed person to fresh air if adverse effects are observed. If breathing is laboured, administer oxygen. If breathing has stopped, apply artificial respiration. If patient is unconscious place in coma position, get immediate medical attention.

Additional Information

In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### 5. Fire Fighting Measures:

Extinguishing Media

All common extinguishers can be used.

Unsuitable Extinguishing Media

None.

Special Hazards of Product

None specified.

Protective Equipment

None specified.

### 6. Accidental Release Measures:

Personal Precautions

Use in well ventilated conditions and use personal protection. Protect hands with cloth gloves and wear eye goggles. Use in well ventilated areas. When using do not eat, drink or smoke. Wash hands after work and before breaks. Don't rub eyes with dirty hands.

Spillages

Wipe, scrape or soak up inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazards.

### 7. Handling and Storage:

Handling Procedure

Wear personal protection for skin and eyes.. Keep away from sources of ignition. Handle in a well ventilated area

Storage Procedure

Store in closed packages +5°C to +25°C. Store can be for at least 1 year providing it is kept in original containers.



## Safety Data Sheet

### 8. Exposure Controls – Personal Protection

Industrial hygiene

When using do not eat, drink or smoke. Wash hands after work and before breaks. Don't rub eyes with dirty hands.

Personal Protective Equipment

Eyes

Safety glasses

Hands

Cloth gloves

Inhalation

Use in well ventilated areas

Skin Protection

Well fitting clothing

### 9. Physical and technical properties:

Physical State :

Paste

Colour :

Various

Odour :

Butylacetate

Density (water = 1) :

0.97 - 1.09 g/ml

pH (water = 7) :

N/A

Boiling Point :

127 °C

Freezing Point :

-77°C

Flash Point :

>22°C

Lower explosion limit :

1,2 vol%

Upper explosion limit :

7,6 vol%

Ignition temperature :

370°C 698°F

Vapour Pressure :

30 mbar

Solubility in water (25°C) :

Insoluble

Solubility in toluene (25°C) :

Soluble

### 10. Stability and Reactivity:

Materials to Avoid

Strong oxidation agents

Conditions to Avoid

Keep away from sources of ignition

Decomposition Products

CO, CO<sub>2</sub>, SiO<sub>2</sub>

### 11. Toxicological Information:

Product Information :

Acute oral LD50 (mg/kg) :

n-Butylacetate

Xylene

unknown

>2000

Acute dermal LD50

unknown (mg/kg)

>2000

Acute Inhalation LC50

unknown

>5 (mg/l)

MAC Value (ppm)

150

100

Other information :

unknown



## Safety Data Sheet

**12. Ecological Information:** No information is known on this product

**13. Disposal:**

Product disposal

Dispose in accordance with federal state and local legislation.

Waste code uncured 55905

Waste code cured 55906

**14. Transport Information:** No special information required

**15. Regulatory Information:**

This product is not subject to the labelling requirements of EC Directives 67/548/EEC and 88/379/EEC as amended.

Product is not liquid.

Under this section of the MSDS for VLB4236 Sealant, we do not quote any Risk or Safety phrases and it is not classified as Flammable for the reasons stated below:-

If a Liquid / preparation does not support combustion when tested at 55°C in accordance with Schedule 2 of the Highly Flammable Liquids and Liquefied Petroleum gases regulations 1972, then is not required to be labelled as flammable.

Firstly, tests with a Penetrometer showed that the product is not a liquid, so therefore VLB4236 cannot be classified as a flammable liquid.

Secondly, when a fresh sample of this material was tested in accordance with the method above the combustion time for 100ml of product was 565 seconds. The upper-limit for a solid to be classified as flammable is 45 seconds.

VLB4236 contains 20% butyl acetate. The flash point of Butyl acetate is 27°C. In the Formula/preparation this makes the flash point of the material greater than 27°C.

Finally, it is concluded that, in accordance with CHIP97 under the approved guide for supply section 33(b) R10 Flammable, if a preparation which has been shown in practice not to support combustion, so long as there is no reason to fear risks to those handling these preparations or to other people then the preparation need not be classified as Flammable. From these factors we conclude that the material is not Flammable.



## Safety Data Sheet

### 16. Other Information:

Properties  
Colour Transparent  
Type Plasto-elastic  
Density +/- 1.1  
Consistency Paste  
Shore A Hardness +/- 15  
Resistance to Temperatures -20°C +75°C  
Shrinkage During Vulcanisation +/-15%  
Dry Time +/- 3 weeks  
Skin-Forming Time at 23 Deg. C  
and 50% relative  
Atmospheric humidity +/- 30 min  
Processing Temperature +5°C +30°C

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1, without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:-

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988; 1657)  
The Manual Handling Operations Regulations 1992 (SI 1992: 2793)  
Storage of Flammable Liquids in Containers. HS(G)51  
Storage of Packaged Dangerous Substances. HS(G)71  
The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988: 2839)

Date of preparation November 2000