

# Material Safety Data Sheet

Date: 10.02.2011  
Last Revised: 17.03.2010  
Ref: 0086.7/CR(DR)

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## 1. Product and company information

Commercial product name: **Sureseal PVA Bonding Agent**

Supplier: Siroflex Ltd, Dodworth Business Park, Dodworth Barnsley S75 3SP, telephone: 01226 771600, facsimile: 01226 771601

Emergency phone: 01226 771600 (after working time)

email to technical@siroflex.co.uk

## 2. Composition/information on ingredients

<u>CAS No</u>	<u>Chemical Name</u>	<u>Weight %</u>	<u>Symbol &amp; R Phrases</u>
108-05-4	Vinyl acetate	<0.5	F R11
120-55-8-27138-31-4	Dibenzoate blend	4.35	

## 3. Hazard identification

No major health hazard exists. It is however advised that the product be used in well-ventilated areas and prolonged skin contact avoided as defatting or irritation may occur.

## 4. First aid measures

<u>Eyes:</u>	Irritating immediately with clean water for 15 minutes and obtain medical attention.
<u>Skin:</u>	Remove contaminated with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating drinking, smoking and toilet functions.
<u>Inhalation:</u>	Remove to fresh air. If discomfort persists seek medical advice.
<u>Ingestion:</u>	If swallowed give copious quantities of a bland liquid such as milk or water. Seek medical advice immediately. Do not induce vomiting.

## 5. Fire fighting measures

<u>Suitable extinguishing media:</u>	Dry powder, CO <sup>2</sup> , foam, sand, earth
<u>Unsuitable extinguishing media:</u>	Never use water jet.
<u>Special exposure hazards in fires:</u>	None known
<u>Required special protection equipment for fire fighters:</u>	Wear suitable protective clothing

## 6. Accidental release measures

<u>Precaution:</u>	Contain flow with absorbent material. Prevent spills from entering drains and sewers. A persistent milky discoloration may result from entry into waterways. Dispose of at an appropriate licensed waste disposal site in accordance with current laws and regulations.
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## 7. Handling and storage

<u>Handling:</u>	Ensure adequate ventilation.
<u>Storage:</u>	Store between 5 and 30°C in tightly sealed containers. No special measures required against fire or explosion. Protect from frost.

## 8. Exposure controls and personal protection

<u>Not established for the product.</u>	
<u>Respiratory protection:</u>	None required at normal levels of ventilation.
<u>Eye protection:</u>	Appropriate chemical resistant goggles if there is a risk of splashing.
<u>Hand protection:</u>	Not normally required.
<u>Skin Protection:</u>	Appropriate protective clothing.

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## 9. Physical and chemical properties

<u>Appearance:</u>	Milky white liquid
<u>Flammability:</u>	N/A
<u>Odour:</u>	Faint ester/alcohol
<u>pH:</u>	4-6
<u>Explosive properties:</u>	N/A
<u>Boiling point/boiling point range:</u>	100°C
<u>Oxidising properties:</u>	N/A
<u>Melting point/melting point range:</u>	0°C
<u>Viscosity at 25°C:</u>	90-130 poise
<u>Relative density:</u>	Approx 1.02
<u>Flashpoint (°C):</u>	Not determined
<u>Solubility (water and fat):</u>	Forms an emulsion in water
<u>Solids content:</u>	40%-42%

## 10. Stability and reactivity

Stable up to 100°C.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, hydrogen sulphide, oxides of nitrogen and sulphur.

## 11. Toxicological information

Short-term exposure may lead to irritation. Long term exposure may lead to dermatitis.

## 12. Ecological information

The preparation has not been tested. However, when wet it will emulsify and disperse in water. With slow rate of bio degradation, bitumen can cause interference with the normal functioning of ecological cycles. Bitumen emulsions should therefore be contained and spills avoided.

## 13. Disposal considerations

Dispose according to local regulations.

## 14. Transport information

Not classified as hazard for conveyance.

## 15. Regulatory information

Material is not classified. The components have risk and safety phrases as:

Risk phrases

R11 Highly Flammable

Safety phrases

S16 Keep away from sources of ignition – NO SMOKING  
S23 Do not breathe vapour or spray  
S29 Do not empty into drains  
S33 Take precautionary measures against static discharge

## 16. Other information

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting health & safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.