

**MATERIAL SAFETY DATA SHEET**

according to EU Directive 93/112/EC

**FAST SET WOOD ADHESIVE**

Version: 2

Print date: 24.5.04

**1. Identification of Substance/Preparation and Company**

Product Name Fast set wood adhesive  
Company Biokil Crown Ltd  
7 Stadium Ind Park, Long Eaton  
Nottingham, NG10 2DD  
Telephone 0115 946 0060  
Fax 0115 946 9767  
Emergency Telephone 07967 10 71 95

**2. Composition / Information on ingredients**

Chemical nature: Water based dispersion of self-crosslinking vinyl acetate homopolymer

Hazardous components:

<b>Substance</b>	<b>EINECS No</b>	<b>Symbol</b>	<b>R-phrases</b>	<b>Conc.%</b>
Butyl carbitol acetate	204-118-5	Xi	R36/38	>1.00 - <1.50
Aluminium chloride	231-208-1	Xi	R36/38	<1.50

**3. Hazards identification**

Critical hazards to man and the environment: none according to EU directive 88/379/EC

**4. First aid measures**

Eye contact May cause temporary irritation. Irrigate with water for 15 minutes holding eyelid open. Seek immediate medical attention

Skin contact Prolonged contact may cause irritation. Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if symptoms persist

Inhalation of vapour Remove to fresh air. In severe cases seek medical attention

Ingestion May cause nausea. Seek immediate medical attention. Do not induce vomiting

**5. Fire fighting measures**

Hazards during fire-fighting The product is water based and is not combustible.

**6. Accidental release measures**

Personal protection Refer to Section 8.

Environmental precautions Prevent product entering soil, natural waters and drains.

Methods for cleaning and taking up  
Large spillages should be contained and pumped receiving vessel.  
Small spillages should be absorbed on inert absorbent.  
For disposal methods refer to Section 13

**7. Handling and storage**

Handling No special precautions necessary. Observe good housekeeping practice. Keep workplace well ventilated.

Storage Store between +5°C and +35°C protected from frost and direct sunlight. Do not use storage vessels or pipe work made of aluminium, copper or their alloys. Detailed advice on storage systems can be provided. Bulk tanks should be regularly cleaned and sterilised.

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**8. Exposure controls / personal protection**

General protective The product may contain low levels of volatile organic measures compounds or ammonia which may evaporate during application and drying.

Advice on system design Provide good general ventilation in the workplace. Where the product is dried or sprayed, local extraction is recommended.

**Components with workplace parameters:**

Refer to the national regulation for workplace exposure limits

Substance	Cas No	EINECS No
Formaldehyde	50-00-0	200-001-8

**Personal protective equipment:**

Respiratory protection If spraying product without local exhaust ventilation, wear a normal dust mask.

Hand protection Impermeable gloves recommended.

Eye protection Eye protection recommended.

Skin protection In case of severe splashing wear waterproof overalls and boots., Wash with soap and water after handling.

Hygiene measures Do not eat, drink or smoke when handling product.

**9. Physical and chemical properties**

Physical form liquid  
 Colour white  
 Odour faint ester

Flash point not applicable  
 Vapour pressure 23 hPa @ 20°C  
 Relative density 0.9 -1.1  
 Solubility in water insoluble but miscible in all proportions  
 pH 2.5 – 3.5  
 Viscosity 8,000-15,000 mPa s

**10. Stability and reactivity**

The product is stable under recommended storage conditions - see Section 7

Incompatible materials: None

**11. Toxicological information**

Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.

**12. Ecological information**

Degradation/elimination DOC elimination after 2 days (OECD302B): 98%  
 The product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto activated sludge.

Bioaccumulation no evidence for bioaccumulation.

Ecotoxic effects no long term effects expected.

**13. Disposal considerations**

Waste product should not be discharged directly into drains or waterways without treatment.

Disposal of product and packaging should always comply with local and national regulations.

Waste water containing product should be treated in a separation and biological treatment plant.

EU Waste code number: No Waste Code Number available.

