


<b>MATERIAL SAFETY DATA SHEET</b> according to EU Directive 93/112/EC <b>FLAMEGUARD INTUMESCENT ACRYLIC SEALANT</b>		
Version: 2	Print date: 24.5.04	

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

Product name	Flameguard Intumescent Acrylic Sealant
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 characterization: mixture of an acrylic copolymer emulsion, inorganic fillers and additives.

Hazardous ingredients:	CAS-Number	Weight-%	Danger Symbol	Risk Phrases
NA	NA	NA	NA	NA

### 3. Hazards identification

<b>Potential health effects:</b>	unknown
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### 4. First aid measures

<b>Eyes :</b>	In case of contact flush eyes immediately with plenty of water for at least 15 minutes. Lift eyelids and rinse well underneath them. Get medical attention if irritation persists.
<b>Mouth (ingestion):</b>	Rinse mouth with water several times. Consult a physician and show this Safety Data Sheet.
<b>Lungs (inhalation):</b>	Fresh air and rest. Get medical attention if complaint persists.
<b>Skin:</b>	Remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.
<b>Clothes:</b>	Remove polluted clothing.

### 5. Fire fighting measures

<b>Suitable extinguishing media:</b>	CO2, powder, foam and water spray.
<b>Unsuitable extinguishing media:</b>	Water beam.
<b>Special firefighting procedures:</b>	Wear protective clothing and breathing apparatus.

### 6. Accidental release measures


<b>Environmental precautions:</b>	Keep away from drains and watercourses.
<b>Clean up procedures:</b>	Wipe, scrape or soak up in inert material and put in a container for disposal.
<b>Personal precautions:</b>	Wear proper protective equipment as described in the 'eye and skin protection' section of chapter 8.

### 7. Handling and storage

<b>Handling:</b>	Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.
<b>Storage:</b>	Store in closed packing between 5/C and 25/C away from direct sunlight and other sources of heat.

### 8. Exposure controls / personal protection

<b>Occupational exposure limit:</b>	NA
<b>Respiratory protection:</b>	Avoid breathing the vapor. Maintain good ventilation.
<b>Eye and skin protection:</b>	Avoid contact with skin and eyes. Wear safety glasses.
<b>Industrial hygiene:</b>	When using do not eat, drink or smoke. Wash hands after work and before breaks. Don't rub eyes with dirty hands.

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### 9. Physical and chemical properties

<b>Physical state:</b> paste	<b>Flash point:</b> NA /C
<b>Color:</b> white	<b>Lower explosion limit:</b> NA vol-%
<b>Odor:</b> weak	<b>Upper explosion limit:</b> NA vol-%
<b>Density (water=1):</b> 1.60 g/ml	<b>Ignition temperature:</b> NA /C
<b>pH (water=7) :</b> 7-9	<b>Vapor pressure :</b> NA mbar
<b>Boiling point (water =100):</b> 100 /C	<b>Mixable with water:</b> yes
<b>Freezing point (water = 0):</b> 0 /C	<b>Mixable with organic solvents:</b> unknown
	<b>VOC-content:</b> 1,90 Weight-%

### 10. Stability and reactivity

<b>Hazardous decomposition products:</b>	HCl, CO, CO2 and CaO.
<b>Materials to avoid:</b>	unknown
<b>Conditions to avoid:</b>	unknown

### 11. Toxicological information

<b>Product information</b>	
<b>Acute oral LD50 (mg/kg):</b>	unknown
<b>Acute dermal LD50 (mg/kg):</b>	unknown
<b>Acute inhalation LC50 (mg/l):</b>	unknown
<b>Other information:</b>	unknown
For information on hazardous substances see 'chapter' 2.	

### 12. Ecological information

Avoid uncured product will come in the environment.	
<b>Degradability:</b>	unknown
<b>Ecotoxicity:</b>	unknown
<b>WGK:</b>	1

### 13. Disposal considerations


Dispose in accordance with federal, state and local legislation.	
<b>Waste code uncured (Germany):</b>	080403
<b>Waste code cured (Germany):</b>	080404

### 14. Transport information

<b>By sea according GGVSee/IMDG-Code:</b>	NA
<b>By land according RID/ADR/GGVS/GGVE:</b>	NA
<b>By air according ICAO/IATA-DGR:</b>	NA
<b>UN-number:</b>	NA
<b>Proper shipping name:</b>	NA

### 15. Regulatory information

This product is not subject to the labelling requirements of EC Directives 67/548/EC and 88/379/EC as amended.	
<b>Danger symbol:</b>	NA
<b>Contains:</b>	NA
<b>R-phrases:</b>	NA
<b>S-phrases:</b>	NA

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#### **16. Other Information**

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments.  
This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made.  
The recommended industrial 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.  
NA: Not Applicable