

# MATERIAL SAFETY DATA SHEET

## 1 Product Identification

Synonyms:	Liquid polymer, R7 Brick Acrylic	n-butyl acrylic	CAS No. 141-32-2
		Styrene	CAS No. 100-42-5
		Ethylbenzene	CAS No. 100-41-4
Company	Kilwaughter Chemical Co. Ltd. 9 Starbog Road Larne Northern Ireland BT40 2TJ 028 2826 0766	Acrylamide	CAS No. 79-06-1
		Formaldehyde	CAS No. 50-00-0
		n-butanol	CAS No. 71-36-3

## 2 Composition / Information on Ingredients

Aqueous dispersion of copolymer based on n-butyl acrylic and styrene

## 3 Hazard Assessment

Potential Effect on health			
Inhalation	Not harmful.	Skin contact	No adverse effects expected.
Ingestion	Non-toxic	Critical hazards	None
Eye contact	Irritating to the eyes		
			R36

## 4 First Aid Measures

Inhalation	Remove from source to fresh air. Get medical assistance.
Ingestion	Immediately rinse mouth and give plenty of water to drink, seek medical advice.
Skin contact	Remove contaminated clothing and wash exposed area with soap and water, get medical advice if irritation occurs.
Eye contact	Wash thoroughly with clean water for at least 15 minutes, get specialist medical advice.

## 5 Fire Fighting Measures

Fire	Presents no fire hazard.
Explosion	Not considered to be an explosion hazard.
Fire fighting media	Use most appropriate measure to extinguish surrounding fire.

## 6 Accidental Release Measures

Large spillages should be pumped into containers; small spillages can be washed away.

## 7 Handling and Storage

Store in a safe area where damage to packing can be avoided.  
Protect from frost.

## 8 Exposure Control

Components with workplace control limits	n-butyl acrylic	CAS No. 141-32-2
	Styrene	CAS No. 100-42-5
	Ethylbenzene	CAS No. 100-41-4
	Acrylamide	CAS No. 79-06-1
	Formaldehyde	CAS No. 50-00-0
	n-butanol	CAS No. 71-36-3

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	S26
Wear suitable protective clothing.	S36
Avoid contact with skin.	S24
Hands should be washed after contact, at breaks and at the end of the working day.	S28

## 9 Physical and Chemical Properties

Appearance	Opaque white liquid	Solubility	Miscible in water
Odour	Faint	Melting point	0 oC (water)
Density	1.04	Boiling Point	100 oC (water)
Flash point	N/A	pH @ 23 oC	7.5 – 9.0
Vapour pressure	23mbar @20 oC (water)		

**10 Stability and Reactivity**

Stability Stable under normal conditions of use and storage.  
Decomposition No decomposition under normal conditions of use.

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**11 Toxicological Data**

No recorded information for LD50 / LC50 is available for normal occupational exposure. This product is not considered harmful under normal conditions of use.

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**12 Ecological Data**

Environmental fate and toxicity: This product can be virtually eliminated from water by abiotic processes such as absorption onto activated sludge  
Aquatic toxicity Negligible Do not discharge material into natural waterways.

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**13 Disposal Considerations**

Recycling or recovery of material are the preferred routes for removal of excess material. If not appropriate dispose of waste material according to the UK Environmental Protection (Duty of Care) Regulations (EP) and amendments [United Kingdom].

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**14 Transport Regulations**

Not classified as hazardous for air, sea or road freight.

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**15 Regulatory Information**

Not subject to EEC labelling directives.  
Handle in accordance with good industrial practice.

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**16 Other Information**

Working practice that reduces physical contact with the product are recommended.

Last revised July 2008

This information is based on data currently available and is correct to the best of our knowledge. Recipients of the product must take responsibility for use and disposal of product observing existing laws and regulations.

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