

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

ALL WEATHER SEALANT

Version: 2

Print date: 24.5.04

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

Product Name All Weather 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 :** Styrene butadiene rubber in solvent with additives.

Hazardous ingredients = 1% and toxic ingredients = 0,1%	CAS Number	Einecs Number	Weight %	Danger Symbol	Risk Phrases
n-Butylacetate	123-86-4	204-658-1	10-30	Nvt	10-66-67

3. HAZARDS IDENTIFICATION

Potential health effects: Flammable.
Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

Eyes: 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.

Mouth (ingestion): Rinse mouth with water several times. Consult a physician and show this Safety Data Sheet.

Lungs (inhalation): Fresh air and rest. Get medical attention if complaint persists.

Skin: Remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.

Clothes: Remove polluted clothing.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: CO₂, powder, foam and water spray.
Unsuitable extinguishing media: Unknown.
Special firefighting procedures: Wear protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

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

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7. HANDLING AND STORAGE

Handling:

Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.

Storage:

Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit:

MAC-value n-Butylacetate: 150 ppm

Respiratory protection:

Avoid breathing the vapor. Maintain good ventilation.

Eye and skin protection:

Avoid contact with skin and eyes. Wear safety glasses.

Industrial hygiene:

When using do not eat, drink or smoke. Wash hands after work and before breaks.

Don't rub eyes with dirty hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

paste

Flash point:

27 °C

Colour:

miscellaneous

Lower explosion limit:

3,0 vol-%

Odour:

butylacetate

Upper explosion limit:

10,4 vol-%

Density (water=1):

0,96 g/ml

Ignition temperature:

370 °C

pH (water=7):

NA

Vapour pressure:

13 mbar

Boiling point (water =100):

126 °C

Mixable with water:

no

Freezing point (water = 0):

-77 °C

Mixable with organic solvents:

yes

VOC-content:

23,7 Weight-%

* n-Butylacetate

10. STABILITY AND REACTIVITY

Hazardous decomposition products:

CO, CO₂, SiO₂.

Materials to avoid:

Strong oxidizing agents.

Conditions to avoid:

Keep away from sources of ignition.

11. TOXICOLOGICAL INFORMATION

Product information

n-Butylacetate

Acute oral LD50 (mg/kg):

7100 (mouse)

14000 (rat)

Acute dermal LD50 (mg/kg):

Unknown

Acute inhalation LC50 (mg/l):

2000 (rat, 4h)

Other information:

Vapours may cause drowsiness and dizziness.

For information on hazardous substances see 'chapter' 2.

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**12. ECOLOGICAL INFORMATION**

Avoid uncured product will come in the environment.

Degradability:	unknown
Ecotoxicity:	unknown
WGK (Germany):	1

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local legislation.

Waste code uncured (Germany):	080402
Waste code cured (Germany):	080404

14. TRANSPORT INFORMATION

By sea according IMDG-Code:	Not applicable.
By land according ADR:	Not applicable.
By air according ICAO/IATA-DGR:	Not applicable.
UN-number:	Not applicable.
Proper shipping name:	Not applicable.

15. REGULATORY INFORMATION

To the labeling requirements of EC Directives 67/548/EC and 1999/45/EC:

Danger symbol:	Not applicable
Contains:	Not applicable
R-phrases:	10 Flammable 67 Vapours may cause drowsiness and dizziness.

S-phrases: 2	2 Keep out of reach of children. 16 Keep away from sources of ignition – No smoking. 46 If swallowed, seek medical advice immediately and show this container or label.
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16. OTHER INFORMATION

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC.

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**Unk** : Unknown