



## Section 1. Product and Company Identification.

**1.1 Model Number;** BC211 v1  
**1.2 Description;** Repair Kit with Frame Bag - Bicycle Puncture Repair Solution.

**1.3 Manufacturer;**  
Sealey Group.  
Kempson Way,  
Bury St. Edmunds,  
Suffolk.  
IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 16/01/2015



## Section 2. Hazards Identification.

### 2.1 Classification of the substance or mixture.

Causes skin irritation

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Causes skin irritation.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Flam. Liq. 2

Asp. Tox. 1

STOT SE 3

Skin Irrit. 2

Aquatic Acute 1

Aquatic Chronic 1

### 2.2 Label elements.

#### Hazard pictogram(s)



Signal Word.

Flammable

#### Hazard statements;

Highly flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause drowsiness or dizziness.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Toxic to aquatic life with long lasting effects.

Contents of package identified in 1.1 with Description stated in 1.2 do not exceed 125 ml, hazard statements and precautionary statements may be omitted from the label.

### 2.3 Other hazards.

No data available.



### Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
Cyclohexane	110-82-7	20 – 30 %	Flam. Liq. 2 Asp. Tox. 1 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H225 H304 H336 H315 H400 H410
Heptane	142-82-5	10 – 20 %	Flam. Liq. 2 Asp. Tox. 1 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H225 H304 H336 H315 H400 H410
Methyl cyclohexane	108-87-2	10 %	Flam. Liq. 2 Asp. Tox. 1 STOT SE 3 Skin Irrit. 2 Aquatic Chronic 2	H225 H304 H336 H315 H411

<sup>1</sup>For full text of Phrases and Statements, see Section 16.



## Section 4. First Aid Measures.

### 4.1 Description of first aid measures

#### Inhalation

Remove to fresh air.  
Seek medical attention.

#### Skin Contact

Immediately flush skin with plenty of soap and water.  
Remove contaminated clothing and shoes.  
Seek medical attention if symptoms persist.  
Wash clothing before reuse.

#### Eye Contact

Immediately flush eyes with water for at least 15 minutes whilst lifting the upper and lower eyelids.  
Check for and remove any contact lenses if possible.  
Seek medical attention if symptoms persist.

#### Ingestion

If the injured is fully conscious: wash out mouth with water.  
Give large amounts of water but *do not* do this if casualty is unconscious.  
Never give anything by mouth to an unconscious person.  
Seek medical attention immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

No data available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Powder, foam, carbon dioxide.  
DO NOT use water. Water spray can be used to cool fire exposed containers.

### 5.2. Special hazards arising from the substance or mixture

Prevent inhalation of hazardous vapour and toxic decomposition products.  
Move container from fire area if this can be done without risk to safety.

### 5.3. Advice for fire-fighters

Wear a self-contained approved breathing apparatus in pressure demand, and full protective gear.  
Prevent run off from contaminating drinking water, sewers and water courses or aquatic environment.



## Section 6. Accidental Release Measures.

**6.1.** Personal precautions, protective equipment and emergency procedures  
Ensure that Personal Protective Equipment is worn.

**6.2.** Environmental precautions  
Prevent contamination of drinking water, sewers and water courses or aquatic environment.  
Prevent contamination of soil.

**6.3.** Methods and material for containment and cleaning up  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Absorb spill with inert material (e.g. vermiculite, sand or earth) then place in a suitable container.  
Prevent run off from contaminating drinking water, sewers and water courses or aquatic environment.  
Use only non-sparking tools to place spill into a suitable container for disposal.

**6.4.** Reference to other sections  
See Section 7 for information on Safe Handling  
See Section 8 for information of Personal Protective Equipment.  
See Section 13 for information on disposal.

## Section 7. Handling and Storage.

**7.1.** Precautions for safe handling  
Observe good hygiene practices.  
Prohibit eating, drinking and smoking in areas where this product is handled, stored and processed.  
Before eating, smoking or using the lavatory or at the end of the working period; wash hands, forearms and face thoroughly after handling.  
Promptly remove contaminated clothing.  
Isolate contaminated clothing and wash before reuse.

**7.2.** Conditions for safe storage, including any incompatibilities  
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Store in a well ventilated place. Keep cool.  
Store locked up.

**7.3.** Specific end use(s)  
Intended for use as the Puncture Repair Solution for the Model Number identified in 1.1 with Description stated in 1.2.



## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

Cyclohexane	250 mg/m <sup>3</sup> TWA	
Heptane	500 mg/m <sup>3</sup> TWA	1000 mg/m <sup>3</sup> STEL

Wear appropriate Personal Protective Equipment.

Remove/take off immediately all contaminated clothing. Rinse with water/shower.

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Ensure adequate ventilation.

Ensure that electrical ventilation equipment will not create ignition .

#### Eye/Face Protection

Chemical resistant tight fitting goggles.

#### Skin Protection

Wear chemical resistant latex or nitrile gloves to prevent skin exposure.

Wear chemical resistant protective clothing to prevent skin contact.

#### Respiratory Protection

Use self-contained breathing apparatus for high concentrations.

Selection of respiratory protection must be based upon exposure levels.



## Section 9. Physical and Chemical Properties.

### 9.1. Information on basic physical and chemical properties

**The following information is not a technical specification or sales specification.**

(a) Appearance:	Milky colour adhesive.
(b) Odour:	Fragrant.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point;	90°C
(f) Initial boiling point and boiling range;	No data available.
(g) Flash point;	No data available.
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	No data available.
(l) Vapour density;	No data available.
(m) Relative density;	No data available.
(n) Solubility(ies);	Slightly soluble in water.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	No data available.
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

9.2 Other information No data available.

## Section 10. Stability and Reactivity.

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal temperature.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	High temperature. Fire. Moisture.
10.5. Incompatible materials	Strong oxidizer.
10.6. Hazardous decomposition products	CO, CO <sub>2</sub> Smoke.

## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

Acute toxicity.

Cyclohexane.	LD50	12705 mg/kg	(Rat. Oral)
Methyl cyclohexane.	LC50	4 mg/kg	(Mouse. Inhalation)



## Section 12. Ecological Information.

12.1. Toxicity	Very toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No data available.
12.6. Other adverse effects	No data available.

## Section 13. Disposal Considerations.

### 13.1. Waste treatment methods

Dispose of in accordance with local authority regulations.





## Section 14. Transport Information.

### ADR. International Carriage of Dangerous Goods by Road.

<b>14.1.</b> UN number	UN 1133
<b>14.2.</b> Name and Description	Adhesives containing flammable liquid
<b>14.3.</b> Transport hazard class(es)	3
<b>14.4.</b> Packing group	II
<b>14.5.</b> Environmental hazards	Does not present an environmental hazard.
<b>14.6.</b> Special precautions for user	No special precautions necessary.

### IATA. International Air Transport Association.

<b>14.1.</b> UN number	UN 1133
<b>14.2.</b> UN Proper Shipping Name/Description	Adhesives containing flammable liquid
<b>14.3.</b> Transport hazard class(es)	3
<b>14.4.</b> Packing group	II
<b>14.5.</b> Environmental hazards	Does not present an environmental hazard.
<b>14.6.</b> Special precautions for user	No special precautions necessary.

### IMDG. International Maritime Dangerous Goods.

<b>14.1.</b> UN number	UN 1133
<b>14.2.</b> UN proper shipping name	Adhesives containing flammable liquid
<b>14.3.</b> Transport hazard class(es)	3
<b>14.4.</b> Packing group	II
<b>14.5.</b> Environmental hazards	Does not present an environmental hazard.
<b>14.6.</b> Special precautions for user	No special precautions necessary.
<b>14.7.</b> Transport in bulk – Maritime only.	Bulk transport is not applicable to this product



**Section 15. Regulatory Information.**

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available.

**15.2.** Chemical safety assessment  
No data available.

**Section 16. Additional Information.**

Full text of Phrases and Statements used in Section 3;

- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

The above information is believed to be accurate and represents the best information currently available.  
No warranty is expressed or implied by the above information.  
We assume no liability resulting from use of the above information.  
The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	04/10/18	First issue.

End of Safety Data Sheet.