



## SAFETY DATA SHEET

### DEV239

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name DEV239

Product number P1774

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.3. Details of the supplier of the safety data sheet

Supplier PHILLIP LEE  
ACE ADHESIVES LIMITED  
SHENSTONE DRIVE  
NORTHGATE  
ALDRIDGE  
WALSALL  
WS9 8TP  
01922 459393  
01922 743417  
plee@aceadhesives.co.uk

##### 1.4. Emergency telephone number

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### 2.2. Label elements

Hazard statements EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE, Reaction mass of: 5-chloro-2-methyl-4-iso thiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

##### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

**DEV239**

<b>1,2-BENZISOTHIAZOL-3(2H)-ONE</b>		<b>&lt;1%</b>
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		
<b>Reaction mass of: 5-chloro-2-methyl-4-iso thiazolin-3-one</b> <b>[EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.</b> <b>220-239-6] (3:1)</b>		<b>&lt;1%</b>
CAS number: 55965-84-9	EC number: 611-341-5	
M factor (Acute) = 10	M factor (Chronic) = 10	
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

The full text for all hazard statements is displayed in Section 16.

**Composition comments**      Water-based PVA/VAE adhesive

#### **SECTION 4: First aid measures**

##### **4.1. Description of first aid measures**

<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

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

#### **SECTION 5: Firefighting measures**

##### **5.1. Extinguishing media**

**Suitable extinguishing media**      The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

## DEV239

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

**Specific hazards** No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Non-hazardous substance. Contain and absorb spillage with sand, earth or other non-combustible material.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 25°C. Store in tightly-closed, original container. Keep container dry.

### 7.3. Specific end use(s)

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective equipment



#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

#### Other skin and body protection

Use barrier creams to prevent skin contact.

#### Hygiene measures

Use appropriate skin cream to prevent drying of skin. Wash hands after handling.

#### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

**DEV239****SECTION 9: Physical and Chemical Properties****9.1. Information on basic physical and chemical properties**

Appearance	Liquid.
Colour	White/off-white.
Odour	Slight.
pH	pH (concentrated solution): 5 - 7
Initial boiling point and range	TREAT AS WATER (100°C)°C @
Relative density	1.08 @ °C
Solubility(ies)	Miscible with water.

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability**

Stability	Stable at normal ambient temperatures and when used as recommended.
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**10.3. Possibility of hazardous reactions****10.4. Conditions to avoid**

Conditions to avoid	Avoid freezing. Avoid heat.
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**10.5. Incompatible materials****10.6. Hazardous decomposition products**

Hazardous decomposition products	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m <sup>3</sup> . Oxides of carbon.
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**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

General information	No specific health hazards known.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	Prolonged and frequent contact may cause redness and irritation.
Eye contact	May cause temporary eye irritation.
Acute and chronic health hazards	No specific health hazards known.

**SECTION 12: Ecological Information**

Ecotoxicity	The product contains a substance which is harmful to aquatic organisms.
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**12.1. Toxicity****12.2. Persistence and degradability****12.3. Bioaccumulative potential****12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

**DEV239****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number****14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations** The Classification, Labelling and Packaging (CLP) Regulation ((EC) No 1272/2008)

**Guidance** The Classification, Labelling and Packaging (CLP) Regulation ((EC) No 1272/2008)

**15.2. Chemical safety assessment****SECTION 16: Other information**

**Revision date** 23/03/2015

**Revision** 12

**Supersedes date** 23/12/2014

**Hazard statements in full**

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H331 Toxic if inhaled.  
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.  
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE, Reaction mass of: 5-chloro-2-methyl-4-iso thiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

**Signature** Mike Freeman

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.