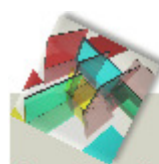


## Safety data sheet

### according to 1907/2006/EC, Article 31

#### 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- **Product identifier**
- **Trade name:** Quick Dry Adhesive
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
  - SU3 Industrial uses: uses of substances as such or in preparations at industrial sites
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category:** PC1 Adhesives, sealants
- **Process category**
  - PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises
- **Environmental release category** ERC5 Industrial use resulting in inclusion into or onto a matrix
- **Application of the substance / the preparation:** Sprayable adhesive
- **Details of the supplier of the safety data sheet**
- **Supplier:**
  - Blu-Sky UK Ltd
  - 5 Stable Court
  - Water Lane, Water Lane Farm, Tarbock Green
  - Knowsley, Merseyside
  - L35 1RD UK



Novatach Media

Acrylic Technologies Australia Pty Ltd

Unit 4, 128 Station Road,  
Seven Hills, NSW 2147  
AUSTRALIA

Phone: 02 9674 8005  
Fax: 02 9674 8005

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- **Responsible for Product Introduction:**
  - Acrylic Technologies Australia Pty Ltd
  - Unit 4, 128 Station Road, Seven Hills, NSW 2147 AUSTRALIA
  - Phone: +61 2 9674 3005
  - Fax: +61 2 9674 8005
  - E-mail: Support@acrylictech.com.au

#### 2 HAZARDS IDENTIFICATION

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**

Flam. Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	H315	Causes skin irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

F+:	Extremely flammable	
R12:	Extremely flammable.	
N;	Dangerous for the environment	
R51/53:	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
R66-67:	Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.	
- **Information concerning particular hazards for human and environment:**
  - Warning! Pressurised container.
- **Classification system:**
  - The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.
- **Label elements**

## Safety data sheet

### according to 1907/2006/EC, Article 31

• **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.



**Single word: DANGER**

**Hazard-determining components of labelling:**

**Contains methylbutane,**  
C7 non aromatic hydrocarbons.

**Hazard Statements:**

H222-229      Extremely flammable aerosol. Pressurised container: May burst if heated.  
H315            Causes skin irritation.  
H336            May cause drowsiness or dizziness.  
H411            Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P261            Avoid breathing mist/vapours/spray.  
P280            Wear protective gloves/ eye protection.  
P302+P352    IF ON SKIN : wash with plenty of soap and water.  
P501            Dispose of contents and container in accordance with local regulations.

Pressurized container:      protect from sunlight and do not expose to temperatures exceeding 50°C.  
Do not pierce or burn, even after use. Keep out of the reach of children.  
Do not spray on a naked flame or any incandescent material.  
Keep away from sources of ignition - No smoking.

**Other Hazards:**

**Results of PBT and vPvB assessment**

**PBT:**                      Not Applicable

**vPvB:**                    Not applicable

### 3    COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization:** Mixtures






**Description:** Aerosol

Dangerous components:		
CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37	dimethyl ether F+ R12 Flam. Gas 1, H220;  Press. Gas, H280	20-50%
CAS: 78-78-4 EINECS: 201-142-8	methylbutane Xn R65;       F+ R12;       N R51/53 R66-67 Flam. Liq. 1, H224;  Asp. Tox. 1, H304;       Aquatic Chronic 2, H411;  STOT SE 3, H336	20-50%
CAS: 92045-53-9 EINECS: 295-434-2 Reg.nr.: 01-2119475515-33	C7 non aromatic hydrocarbons Xn R65;       Xi R38;       F R11;       N R51/53 R67 Flam. Liq. 2, H225;  Asp. Tox. 1, H304;       Aquatic Chronic 2, H411;  Skin Irrit. 2, H315;  STOT SE 3, H336	5-15%

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# Quick Dry MSDS

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CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	acetone  Xi R36;  F R11 R66-67	2-5%
	 Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 7727-37-9 EINECS: 231-783-9	Nitrogen  Press. Gas, H281	2-5%

**Additional Information:** For the wording of the listed risk phrases refer to section 16.

#### 4 FIRST AID MEASURES

- **Description of first aid measures**

- **After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness, place patient stably in side position for transportation.

- **After skin contact**

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

- **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing**

Do not induce vomiting; call for medical help immediately.

- **Most important symptoms and effects, both acute and delayed**

Headache

Drowsiness

Dizziness

Gastric or intestinal disorders.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

#### 5 FIREFIGHTING MEASURES

- **Extinguishing media**

- **Suitable extinguishing agents**

Carbon dioxide

Fire-extinguishing powder

- **For safety reasons unsuitable extinguishing agents**

Water with full jet.

- **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

In certain fire conditions, traces of other toxic gases cannot be excluded.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

#### 6 ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation.

Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol.

- **Environmental precautions:**

Do not allow product to reach sewage system or any water course.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

- **Reference to other sections**

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See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

### 7 HANDLING AND STORAGE

- **Handling**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Handle only outside or in explosion protected rooms.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**  
Do not store together with oxidizing and acidic materials.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

Components with limit values that require monitoring at the workplace:	
<b>115-10-6 dimethyl ether</b>	
WEL	Short-term value: 958 mg/m <sup>3</sup> , 500 ppm Long-term value: 766 mg/m <sup>3</sup> , 400 ppm
<b>78-78-4 methylbutane</b>	
WEL	Long-term value: 1800 mg/m <sup>3</sup> , 600 ppm
<b>92045-53-9 C7 non aromatic hydrocarbons</b>	
TWA	Long-term value: 1600 mg/m <sup>3</sup> , 395 ppm
<b>67-64-1 acetone</b>	
WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm

- **CAS No. Designation of material % Type Value Unit**

Additional Occupational Exposure Limit Values for possible hazards during processing:	
<b>142-82-5 heptane</b>	
WEL	Long-term value: 2085 mg/m <sup>3</sup> , 500 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
Wash hands before breaks and at the end of work.  
Do not eat, drink, smoke while working.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. Short term filter device: Filter AX/P3

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- **Protection of hands:** PVA gloves of superior quality.  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Eye protection:** Tightly sealed goggles.
- **Body protection:** Protective work clothing.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

· Information on basic physical and chemical properties	
· General Information · Appearance:	
Form:	Aerosol
Colour:	Clear
· Odour:	Solvent-like
· Change in condition	
Melting point/Melting range:	undetermined
Boiling point/Boiling range:	-42 °C
· Flash point:	approx. -104 °C
· Flammability (solid)	Not applicable.
· Self-ignition temperature:	> 200 °C
· Decomposition temperature:	Not determined.
· Self igniting:	Product is not selfigniting at room temperature.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible
· Explosion limits:	
Lower:	1.3 Vol %
Upper:	18.6 Vol %
· Vapour pressure:	Not determined.
· Density at 20 °C:	0.68
· Vapour density	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water): Not determined.	
· Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
· Other information	No further relevant information available.

## 10 STABILITY AND REACTIVITY

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** None to our knowledge at room temperature.

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**11 TOXICOLOGICAL INFORMATION**

## • Information on toxicological effects

## • Acute toxicity:

LD/LC50 values that are relevant for classification:		
<b>115-10-6 dimethyl ether</b>		
Inhalative	LC50/4 h	308 mg/l (rat)
<b>92045-53-9 C7 non aromatic hydrocarbons</b>		
Oral	LD50	17 000 mg/kg (Rat)
Dermal	LD50	> 2 000 mg/kg (Lap)
Inhalative	LC50/4 h	60 mg/l (Rat)

## • Primary irritant effect:

• on the skin: May be slightly irritant.

• on the eye: May be slightly irritant.

**12 ECOLOGICAL INFORMATION**

## • Toxicity

• Aquatic toxicity: No further relevant information available.

• Persistence and degradability: No further relevant information available.

• Behaviour in environmental systems:

• Bioaccumulative potential: No further relevant information available.

• Mobility in soil: No further relevant information available.

• Ecotoxicological effects:

• Remark: Toxic for fish

• Additional ecological information:

• General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

The product contains materials that are harmful to the environment. Toxic for aquatic organisms

• Results of PBT and vPvB assessment

• PBT: Not applicable.

• vPvB: Not applicable.

• Other adverse effects: No further relevant information available.

**13 DISPOSAL CONSIDERATIONS**

## • Waste treatment methods

## • Recommendation

Must be disposed of in an incinerator for hazardous waste according to official regulations.

• Waste disposal key: **14 06 03\***

• Uncleaned packaging :

• Recommendation: Disposal must be made according to official regulations.




**14 TRANSPORT INFORMATION**

## • UN-Number

• ADR, IMDG, IATA UN3501

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<ul style="list-style-type: none"> <li>• UN proper shipping name</li> <li>• ADR</li> <li>• IMDG</li> <li>• IATA</li> </ul>	<p>3501 CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER, PENTANES), ENVIRONMENTALLY HAZARDOUS CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER, PENTANES) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.</p>
<ul style="list-style-type: none"> <li>• Transport hazard class(es)</li> <li>• ADR</li> </ul>   <ul style="list-style-type: none"> <li>• Class</li> <li>• Label</li> </ul>	<p>2 8F Gases. 2.1</p>
<ul style="list-style-type: none"> <li>• IMDG, IATA</li> </ul>  <ul style="list-style-type: none"> <li>• Class</li> <li>• Label</li> </ul>	<p>2 Gases. 2.1</p>
<ul style="list-style-type: none"> <li>• Packing group</li> <li>• ADR, IMDG, IATA</li> </ul>	<p>Void</p>
<ul style="list-style-type: none"> <li>• Environmental hazards:</li> <li>• Special marking (ADR):</li> </ul>	<p>Symbol (fish and tree)</p>
<ul style="list-style-type: none"> <li>• Special precautions for user</li> <li>• Danger code (Kemler):</li> </ul>	<p>Warning: Gases. 23</p>
<ul style="list-style-type: none"> <li>• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</li> </ul>	<p>Not applicable.</p>
<ul style="list-style-type: none"> <li>• Transport/Additional information:</li> </ul>	
<ul style="list-style-type: none"> <li>• ADR</li> <li>• Transport category</li> <li>• Tunnel restriction code</li> </ul>	<p>2 B/D</p>
<ul style="list-style-type: none"> <li>• UN "Model Regulation":</li> </ul>	<p>UN3501, CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER, PENTANES), ENVIRONMENTALLY HAZARDOUS, 2.1</p>

## 15 REGULATORY INFORMATION

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**  
No Further relevant information available
- **Chemical safety assessment:**  
A Chemical Safety Assessment has not been carried out.

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## **Safety data sheet**

### **according to 1907/2006/EC, Article 31**

#### **16 OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This data sheet is particularly in accordance with the European directives **1999/45/EC** and its amendments; It is written according to annex I of the European regulation **453/2010/EC**. This data sheet is particularly in accordance with the European regulations **1907/2006/EC**, **1272/2008/EC** and their amendments; It is written according to annex II of the European regulation **453/2010/EC**.

##### • Relevant phrases

H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H281	Contains refrigerated gas; may cause cryogenic burns or injury.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

##### • Department issuing MSDS: Laboratory

- **Contact:** cf. § 1
- **Review :** An asterisk in the margin of a paragraph means amendments in comparison to the former version.

##### • Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
Flam. Gas 1:	Flammable gases, Hazard Category 1
Flam. Aerosol 1:	Flammable aerosols, Hazard Category 1
Press. Gas:	Gases under pressure: Compressed gas
Press. Gas:	Gases under pressure: Refrigerated liquefied gas
Flam. Liq. 1:	Flammable liquids, Hazard Category 1
Flam. Liq. 2:	Flammable liquids, Hazard Category 2
Skin Irrit. 2:	Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2:	Serious eye damage/eye irritation, Hazard Category 2
STOT SE 3:	Specific target organ toxicity - Single exposure, Hazard Category 3
Asp. Tox. 1:	Aspiration hazard, Hazard Category 1
Aquatic Chronic 2:	Hazardous to the aquatic environment - Chronic Hazard, Category 2

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