



## Section 1. Product and Company Identification.

**1.1 Model Number;** CVS18 v2  
**1.2 Description;** Universal Split CVJ Boot Ø56-120mm  
Adhesive: 3 grams

**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;** 30 January 2015



## Section 2. Hazards Identification.

### 2.1 Classification of the substance or mixture.

Eye Irrit. 2 STOT SE 3 Skin Irrit. 2

### 2.2 Label elements.

#### Hazard pictogram(s)



Signal Word.

Danger

#### Hazard statements;

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

EUH 202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

#### Precautionary statements;

P262 Do not get in eyes, on skin, or on clothing.

P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P260 Do not breathe fumes/vapours.

P280 Wear protective gloves/protective clothing/eye protection/.

P361 Remove/Take off immediately all contaminated clothing.

P360 Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

### 2.3 Other hazards.

None identified.



### Section 3. Substances.

| 3.1 Chemical Name<br>(substance) | 3.1 CAS No. | 3.2 Concentration<br>Volume | Classification                             |                                   |
|----------------------------------|-------------|-----------------------------|--|-----------------------------------|
|                                  |             |                             | Hazard Class &<br>Category Code            | Hazard<br>Statements <sup>1</sup> |
| Ethyl-2-cyanoacrylate            | 7085-85-0   | 86.0 % – 99.5 %             | STOT SE 3<br>Skin Irrit. 2<br>Eye Irrit. 2 | H335<br>H315<br>H319              |

<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 victim to fresh air and keep at rest in a position comfortable for breathing.

##### Skin Contact

Do not pull bonded skin apart.

Remove/take off immediately all contaminated clothing.

Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

Any bonded skin should be gently peeled apart with the aid of a blunt object, after soaking in warm, soapy water.

If skin irritation occurs: Get medical advice/attention.

##### Eye Contact

Cyanoacrylates bond eyelids in seconds. Irrigate thoroughly with water for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Take care not to wash chemical from one eye to another.

If the eyelid is bonded closed, do not force open.

Cover with wet pad soaked in warm water.

Get prompt medical attention.

Keep eye covered with wet pad until bedonding is complete, usually 1-3 days.

Solid particles of cured cyanoacrylate may be trapped behind the eye cause abrasive damage.

Cyanoacrylate will bond to eye protein.

##### Ingestion

Ensure that breathing passages are not obstructed.

The product will polymerise immediately in the mouth, making it almost impossible to swallow, beware of possible choking hazard.

Saliva will separate the solidified product from the mouth over a period of hours.

Get medical attention.

#### 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

Alcohol resistant foam. Dry powder. Carbon dioxide. Water spray/fog.  
Do not use direct water jets.

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

Polymerisation will produce sufficient heat to cause thermal decomposition and/or rupture of the container.

Toxic and irritant fumes are produced in fire (CO, CO<sub>2</sub>, nitrogen oxides).

### 5.3. Advice for fire-fighters

Keep container cool by spraying with water if exposed to fire.

Do not breathe decomposition products and fumes.

Use approved self-contained breathing apparatus.

Wear fire retardant clothing. Wear eye protection.

Prevent runoff from fire control from entering waterways.

Large fires should only be dealt with by trained personnel.

## Section 6. Accidental Release Measures.

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

Ensure adequate ventilation..

Evacuate personnel.

Use approved self-contained breathing apparatus.

Use barriers to prevent unauthorised entry into contaminated areas.

Do not allow spill to enter drains and watercourses.

### 6.2. Environmental precautions

Do not discharge into drains or watercourses.

Polymerise adhesive by adding slowly to water (10.1, adhesive: water).

Hardened product can be disposed by licensed waste contractors.

Add water to contaminated packaging for disposal.

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

Absorb in inert material such as sand or absorbent granules (do not use cloths) or polymerise slowly with water (~10.1, adhesive: water) and then scrape up.

Dispose in accordance with Section 13.

### 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

Avoid skin and eye contact.

Avoid inhalation of vapour – ensure adequate ventilation and/or use local extraction.

Wear polythene, polypropylene or Viton® gloves.

Latex (natural rubber), Nylon or PVC gloves are unsuitable.

Wear safety glasses.

Wear suitable protective clothing.

Ambient Relative Humidity should be >35% to minimise discomfort.

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

Store away from combustible materials.

Store in a well-ventilated place. Keep container tightly closed.

Store in a dry place.

Keep cool. Protect from sunlight.

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Refrigerated storage (2 to 8°C) is recommended for optimum shelf-life.

Keep away from high temperatures and sources of ignition.

Keep away from oxidising agents and from strong acids/alkalis.

Can be stored in opaque polyethylene.

### 7.3. Specific end use(s)

Intended for use as the adhesive for use with the Model Number identified in 1.1 with Description stated in 1.2.



## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

Workplace exposure limits.

| Substance             | CAS number | Workplace exposure limit. |                   |             |                   |
|-----------------------|------------|---------------------------|-------------------|-------------|-------------------|
|                       |            | Long term.                |                   | Short term. |                   |
|                       |            | ppm                       | mg.m <sup>3</sup> | ppm         | mg.m <sup>3</sup> |
| Ethyl-2-cyanoacrylate | 7085-85-0  | -                         | -                 | 0.3         | 1.5               |

P262 Do not get in eyes, on skin, or on clothing.

P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P260 Do not breathe fumes/vapours.

P280 Wear protective gloves/protective clothing/eye protection/.

P361 Remove/Take off immediately all contaminated clothing.

P360 Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Ensure adequate ventilation.

Ambient Relative Humidity should be >35% to minimise discomfort.

#### Eye/Face Protection

EN 166 approved eye protection.

#### Skin Protection

Polypropylene or Viton<sup>®</sup> gloves.

Nylon or PVC gloves are unsuitable.

EN 13034 approved protective clothing.

#### Respiratory Protection

Respirator with type A filter.



## 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:                                   | Liquid.  |
| (b) Odour:  | Sharp, pungent   |
| (c) Odour threshold;                              | No data available.   |
| (d) pH:   | 6 - 7  |
| (e) Melting point point;                          | 30°C   |
| (f) Initial boiling point and boiling range;      | No data available.   |
| (g) Flash point;                                  | >80°C  |
| (h) Evaporation rate;                             | Not established.   |
| (i) Flammability (solid, gas);                    | No data available.   |
| (j) Upper/lower flammability or explosive limits; | No data available.   |
| (k) Vapour pressure;                              | 0.04 mm Hg at 25°C   |
| (l) Vapour density;                               | No data available.   |
| (m) Relative density;                             | from 1.05 to 1.12 depending on grade.  |
| (n) Solubility(ies);                              | Insoluble in water. Polymerises rapidly with water<br>Miscible with some organic solvents i.e. acetone, M.E.K. |
| (o) Partition coefficient: n-octanol/water;       | No data available.   |
| (p) Auto-ignition temperature;                    | No data available.   |
| (q) Decomposition temperature;                    | No data available.   |
| (r) Viscosity;                                    | from 3cPs to gel (90,000cPs)   |
| (s) Explosive properties;                         | No data available.   |
| (t) Oxidising properties.                         | No data available.   |

**9.2 Other information** No data available.

## Section 10. Stability and Reactivity.

|   |  |
|---|--|
| <b>10.1. Reactivity</b>                         | No data available.   |
| <b>10.2. Chemical stability</b>                 | Stable at normal temperatures.   |
| <b>10.3. Possibility of hazardous reactions</b> | No data available.   |
| <b>10.4. Conditions to avoid</b>                | High temperatures, moisture and direct sunlight.<br>Hazardous exothermic polymerisation can occur if exposed to moisture.                  |
| <b>10.5. Incompatible materials</b>             | Strong oxidising agents, water alkalis, amines alcohols, free-radical initiators.<br>Will polymerise rapidly in contact with these agents. |
| <b>10.6. Hazardous decomposition products</b>   | Combustion/exothermic polymerisation will generate oxides of carbon, acrid smoke and irritating fumes.                                     |



## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

- Acute toxicity: Oral – Expected to be very low – LD50(rat) likely to be >3,000mg/kg.  
Product is almost impossible to swallow, due to polymerisation in the mouth.
- Inhalation – Expected to be low - see section 8 for OES info.
- Skin – Expected to be low due to rapid polymerisation in contact with skin – LD50 (rabbit) estimated to be >3,000mg/kg.
- Corrosivity/irritation: Eyes – Causes severe irritation.  
Conjunctival irritation and temporary corneal injury possible.  
Profuse eye watering and redness.
- Skin - Irritation and redness at site of contact.  
Prolonged or repeated contact may lead to itching, soreness, blistering dermatitis, etc.
- Respiratory Tract – Causes irritation also of mucous membranes, nose and throat.  
Very high concentrations can cause nose bleeds.
- Sensitisation: Not classified as sensitising.  
Prolonged or repeated over-exposure to high concentrations of vapours may lead to sensitising effects in sensitive individuals.
- Repeated-dose toxicity: Not expected at recommended OES levels (NOAEL of 1-2ppm is likely).  
NOAEL; No Observed Adverse Effect Level.

## Section 12. Ecological Information.

- |  |  |
|--|--|
| 12.1. Toxicity                           | No data available.                             |
| 12.2. Persistence and degradability      | Not considered to be inherently biodegradable. |
| 12.3. Bioaccumulative potential          | Expected to be very low.                       |
| 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

- Do not discharge into drains or watercourses.
- Polymerise adhesive by adding slowly to water (10.1, adhesive: water).
- Hardened product can be disposed by licensed waste contractors.
- Add water to contaminated packaging for disposal.
- Dispose of product 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 3334  |
| <b>14.2.</b> Name and Description         | Aviation regulated liquid, n.o.s.<br>(Cyanoacrylate ester)<br>Not subject to ADR |
| <b>14.3.</b> Transport hazard class(es)   | 9  |
| <b>14.4.</b> Packing group                | -  |
| <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 3334  |
| <b>14.2.</b> UN Proper Shipping Name/Description | Aviation regulated liquid, n.o.s.<br>(Cyanoacrylate ester) |
| <b>14.3.</b> Transport hazard class(es)          | 9  |
| <b>14.4.</b> Packing group                       | III  |
| <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 3334  |
| <b>14.2.</b> UN proper shipping name            | Aviation regulated liquid, n.o.s.<br>(Cyanoacrylate ester) |
| <b>14.3.</b> Transport hazard class(es)         | 9  |
| <b>14.4.</b> Packing group                      | -  |
| <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;

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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           | 24/10/16 | First Issue                  |
| 2           | 16/05/19 | Sections 1.4, 6.2, 7.3 & 8.1 |
|             |          |                              |
|             |          |                              |

End of Safety Data Sheet.