



## Section 1. Product and Company Identification.

**1.1 Model Number;** SCS301 v1  
**1.2 Description;** Fast Setting Super Glue 5g  
Unique Formula Identifier (UFI): UM30-40NU-W007-6N70

**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;** 20/04/2015

## Section 2. Hazards Identification.

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

STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315; -: EUH202

**Most important adverse effects:** Irritating to eyes, respiratory system and skin.

**Risk phrases;**

R36/37/38: Irritating to eyes, respiratory system and skin.

**Safety phrases;**

S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

S23: Do not breathe vapour.

S37/39: Wear suitable gloves and eye / face protection.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**2.2 Label elements.**

**Hazard pictogram(s)**



**Signal Word.** Warning

**Hazard statements;**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.



**Section 2. Hazards Identification, continued.**

**Precautionary statements;**

- P261 Avoid breathing vapours.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+352 IF ON SKIN: Wash with plenty of water/.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312: Call a POISON CENTER/doctor//if you feel unwell.
- P332+313: If skin irritation occurs: Get medical advice/attention.
- P337+313: If eye irritation persists: Get medical advice/attention.
- P501: Dispose of contents/container to comply with Local, National and International regulations.

**2.3 Other hazards.**

None identified.

**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> |
| Ethyl-2-Cyanoacrylate         | 7085-85-0   | 90%                      | Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2 | Ethyl-2-Cyanoacrylate          |

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



## Section 4. First Aid Measures.

### 4.1 Description of first aid measures

#### Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.  
Get medical attention if any discomfort continues.

#### Skin Contact

Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Wash immediately with plenty of soap and water.  
Do not pull bonded skin apart.  
Bonded skin may be gently peeled apart using a blunt object such as a spoon after soaking in warm soapy water.  
Cyanoacrylate gives off heat on solidification.  
In rare cases a large drop will generate enough heat to burn.  
Burns should be treated normally after the adhesive has been removed from the skin.  
If lips are stuck together apply warm water to the lips and encourage maximum wetting. Peel or roll lips apart.  
Do not try to pull the lips apart with direct opposing action.

#### Eye Contact

Bathe the eye with running water for 15 minutes.  
If the eye is bonded closed, release eyelashes with warm water by covering with wet pad.  
Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive.  
Keep eye covered until debonding is complete. Do not force eye open.  
Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

#### Ingestion

Wash out mouth with water.  
Ensure that breathing passages are not obstructed.  
The product will polymerise immediately in the mouth making it almost impossible to swallow.  
Saliva will slowly separate the solidified product from the mouth (several hours).  
Get medical attention if any discomfort continues.

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

|                     |   |
|---------------------|---|
| <b>Skin contact</b> | There may be irritation and redness at the site of contact.   |
| <b>Eye contact</b>  | Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive. In a dry atmosphere, 50% RH, vapours may cause irritation and lachrymatory effect.     |
| <b>Ingestion</b>    | Cyanoacrylates are considered to have relatively low toxicity. Acute oral LD50 is >5000 mg/kg (rat). It is almost impossible to swallow as it rapidly polymerises in the mouth.                         |
| <b>Inhalation</b>   | In dry atmospheres with <50% humidity, vapours may irritate the eyes and respiratory system. Prolonged exposure to high concentrations of vapours may lead to chronic effects in sensitive individuals. |

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

Eye bathing equipment should be available on the premises.



## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Foam, Carbon Dioxide or dry powder as extinguishing media.

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

In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

## Section 6. Accidental Release Measures.

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

Ensure adequate ventilation

Do not use cloths for mopping up.

### 6.2. Environmental precautions

Do not discharge into drains or rivers.

Contain the spillage using bunding.

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

Polymerise with water and scrape off floor.

### 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 direct contact with the substance.

Ensure there is sufficient ventilation of the area.

Do not handle in a confined space.

Avoid the formation or spread of mists in the air.

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

For optimum shelf life product should be stored in original containers at 2-8°C

Must only be kept in original packaging.

### 7.3. Specific end use(s)

Intended for use as a Super Glue Fast Setting: Model Number identified in 1.1 with Description stated in 1.2.



## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

P261 Avoid breathing vapours.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

P302+352 IF ON SKIN: Wash with plenty of water/.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER/doctor//if you feel unwell.

P332+313: If skin irritation occurs: Get medical advice/attention.

P337+313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container to comply with Local, National and International regulations.

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               |

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Ensure there is exhaust ventilation of the area.

#### Eye/Face Protection

Safety glasses with side shields or chemical safety goggles.

Ensure eye bath is to hand.

#### Skin Protection

Wear appropriate protective clothing to prevent liquid contact.

Polyethylene, polypropylene or Viton gloves. **Do not use** PVC, Rubber, Nylon or Cotton gloves.

#### Respiratory Protection

Ensure that repeated or prolonged vapour contact is prevented.



## 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:                                   | Colourless liquid.                         |
| (b) Odour:  | Sharp characteristic odour.                |
| (c) Odour threshold;                              | No data available.                         |
| (d) pH:   | No data available.                         |
| (e) Melting point/freezing point;                 | 150°C                                      |
| (f) Initial boiling point and boiling range;      | Not relevant.                              |
| (g) Flash point;                                  | 85°C                                       |
| (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;                              | 0.293 mmHg                                 |
| (l) Vapour density;                               | Not relevant.                              |
| (m) Relative density;                             | 1.04                                       |
| (n) Solubility (ies);                             | Insoluble in water.<br>Soluble in acetone. |
| (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

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## Section 10. Stability and Reactivity.

### 10.1. Reactivity

Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Rapid exothermic polymerisation will occur in the presence of water, amines, alkalis and alcohols.

### 10.5. Incompatible materials

Strong oxidising agents. Strong acids. Water.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes.



## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

#### Toxicity Values:

| Route  | Species | Test | Value | Units |
|--------|---------|------|-------|-------|
| Oral   | RAT     | LD50 | >5000 | mg/kg |
| Dermal | RBT     | LD50 | >2000 | mg/kg |

#### Hazardous ingredients:

##### ETHYL-2-CYANOACRYLATE

|     |     |      |    |       |
|-----|-----|------|----|-------|
| ORL | RAT | LD50 | >5 | ml/kg |
|-----|-----|------|----|-------|

#### Relevant effects for mixture:

| Effect     | Route       | Basis                 |
|------------|-------------|-----------------------|
| Irritation | OPT INH DRM | Hazardous; Calculated |

#### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive. In a dry atmosphere, 50% RH, vapours may cause irritation and lachrymatory effect.

**Ingestion:** Cyanoacrylates are considered to have relatively low toxicity. Acute oral LD50 is >5000mg/kg (rat). It is almost impossible to swallow as it rapidly polymerises in the mouth.

**Inhalation:** In dry atmospheres with <50% humidity, vapours may irritate the eyes and respiratory system. Prolonged exposure to high concentrations of vapours may lead to chronic effects in sensitive individuals.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12. Ecological Information.

|  |   |
|--|---|
| 12.1. Toxicity                           | No data available.                                      |
| 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 | This product is not identified as a PBT/vPvB substance. |
| 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.

Product in 1.1 with Description in 1.2 is not regulated for transport.

## 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 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           | 05/04/2016 | First issue.          |
| 2           | 22/03/2017 | Format only.          |
| 3           | 14/01/2025 | Section 1.2 Section 4 |
|             |            |                       |

End of Safety Data Sheet.