

Section 13. Disposal Considerations.

Safe disposal of product, its residues and packaging materials:

Dispose of according to Local Regulations.
See also Sections 7 & 8 for handling precautions and personal protection where applicable

Section 14. Transport Information.

Not classified as hazardous for transportation.

Section 15. Regulatory Information.

Labelling Information.

Indication of Danger: N.A.
Contains: N.A.
Risk phrases: N.A.
Safety phrases: N.A.
Other labelling: Danger. Cyanoacrylate. Bonds skin and eyes in seconds.
Keep out of reach of children.

Section 16. Other Information.

Recommended uses and restrictions: Use only as directed.
Publication refs: Compiled in accordance with CHIP Regulations 1993.
HSC Approved Code of Practice, document L37.

Section 17. Section Revision and Dates.

Revision:
Section:
Date:

Legend: N.A.=Not Applicable or Not Available.
N.D.=Not Determined or Not Determinable.
Est.=Estimated.

Rev Control

The above information has been compiled from that provided by our suppliers and other sources. None of the original information relating to hazards or potential hazards has been omitted, and so the absence of a particular reference merely implies either that such information has not been determined or that it is not applicable. Should amendments become necessary, these will be published in future issues and forwarded to your organisation.



CP0071 / 1

Materials Safety Data Sheet

Cyanoacrylate Adhesives

Stock Numbers: 505-167, 567-159, 567-171, 567-244, 692-738

Section 1. Identification of the Substance / Preparation and Company.

Product Name: Cyanoacrylate Adhesives.
Supplier: RS Components Ltd.,
 P.O. Box 99, Corby, Northants.. NN17 9RS
 (+44) 0(1)536-402888.

Section 2. Composition / Information on Ingredients.

<u>Ingredient</u>	<u>%range</u>	<u>Sym/let</u>	<u>Risk phrases</u>
Ethyl Cyanoacrylate	<100	—	Danger. Bonds skin and eyes in seconds. Keep out of reach of children.
Polymeric Thickener	0-10	—	—

Section 3. Hazards Identification.

Bonds body surfaces.

Section 4. First Aid Measures.

Inhalation: Remove subject to fresh air. Seek medical advice if condition does not improve.

Skin Contact: Accidentally bonded skin – if possible gently peel apart using blunt object. Do not force fingers separate. Wash affected area regularly with soapy water, separation should occur within 1-4 days. Consult doctor if infection occurs.

Eye Contact: Flush eyes with copious quantities of water for at least 15 minutes. Regularly bathe eyes in warm water, separation should occur within 1-4 days. Consult optician if infection occurs.

Ingestion: Unlikely to occur since material will harden in mouth. Regularly rinse mouth to release product, usually within 2 days. Position the patient to prevent ingestion of the released material. Never induce vomiting. Seek medical advice if in doubt.

Medical Notes: If any adverse symptoms persist seek immediate medical attention.

Section 5. Fire-Fighting Measures.

Suitable Extinguishing Media: Water, Foam, CO₂, Dry Powders.

Do not use: N.A.

Exposure hazards: CO, CO₂, and others not determined.

Section 6. Accidental Release Measures.

Personal precautions: Refer to Section 8; Personal Protection.

Environmental precautions: Refer to Section 13; Disposal.

Methods of clearing up: Wipe up with cloth. Immediately soak cloth with water to polymerise the adhesive. Caution! cloth containing adhesive may autoignite if not soaked with water. Remove hardened adhesive with a scraper.

Section 7.		Handling and Storage.	
Handling:	Use fresh air breathing apparatus or solvent filter mask when exposed to large quantities, otherwise good ventilation is required. Wear protective clothing, gloves and eye protection. High standards of industrial hygiene are necessary.		
Storage:	Used sensibly these materials do not present any serious hazard. Store in original containers. Store upright in a cool, dry place at temperatures below 25°C and preferably between 0 and +5°C. Atmospheric relative humidity should be maintained at 50-60%		
Section 8.		Exposure Controls / Personal Protection.	
Engineering Measures:	Good ventilation is required.		
Respiratory protection:	Use fresh air breathing apparatus or solvent filter mask when exposed to large quantities.		
Eye protection:	Safety glasses or goggles are recommended.		
Hand protection:	Gloves are recommended.		
Skin protection:	Overalls are recommended when large quantities of product are involved.		
Section 9.		Physical and Chemical Properties.	
Appearance/Colour:	Colourless Liquid	Flammability:	N.D.
Odour:	Pungent	Melting Point °C:	<-30
Boiling Point/Range °C:	36-38 @ 0.13mbar	Flash Point °C:	>74
Auto Ignition Temp °C:	N.D.	Explosive/Oxidising:	N.A.
Relative Density:	1.0	Solubility/Miscibility:	Insoluble / Immiscible in water.
Volatile Content (V.O.C.):	0%		
Section 10.		Stability and Reactivity.	
Stability:	Stable under normal conditions.		
Conditions to Avoid:	High temperatures. Sunlight.		
Materials to Avoid:	Lewis bases eg. water, alcohols, amines and peroxides.		
Hazardous Decomposition Products:	Not Known.		
Section 11.		Toxicological Information.	
<u>Toxic effects arising from exposure based on experimental / non-experimental data.</u>			
Eye contact:	Irritant, bonds skin and eyes in seconds.		
Skin contact:	May cause irritation, bonds skin and eyes in seconds.		
Inhalation:	Little inhalation risk due to the absence of solvents. Ensure adequate ventilation. Prolonged inhalation of large quantities may cause irritation to the nose and throat.		
Ingestion:	Adhesive solidifies and immediately bonds in the mouth.		
LD ₅₀ (Oral rat):	>1500mg / kg.		
LD ₅₀ (Dermal rat):	100mg / kg.		
Section 12.		Ecological Information.	
<u>Possible environmental effects and behaviour / ODP / aquatic toxicity</u>			
No information available.			