

TRULOC LTD
INDUSTRIAL ADHESIVES

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31
SUPERSET 41

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

1.1. Product identifier

Product name	Superset 41
CAS No.	7085-85-0
EC No.	230-391-5
Index No.	607-236-00-9

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

Description	Cyanoacrylate adhesive.
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1.3. Details of the supplier of the safety data sheet

Company	Truloc Limited
Address	6 Maxted Road Hemel Hempstead HP2 1DX
Web	www.truloc.co.uk
Tel	+44 (0) 01442 244205
Fax	+44 (0) 01442 248292
Email	info@truloc.co.uk
Email address of the competent person	info@truloc.co.uk

1.4. Emergency telephone number


Emergency Tel. No.	+44 (0) 01442 244205
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC Main hazards	Xi; R36/37/38 Symbols: Xi: Irritant. Irritating to eyes, respiratory system and skin.
2.1.2. Classification - EC 1272/2008	STOT SE 3: H335;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning.
Hazard	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: 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. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation persists: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container as per local authority guidelines.

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC/ 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration No.	Conc. (%w/w)	Classification
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	607-236-00-9	7085-85-0	230-391-5		80-100%	Xi; R36/37/38
1,4-Dihydroxybenzene (Hydroquinone)	604-005-00-4	123-31-9	204-617-8		0-0.1%	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn; R22 Xi; R41 R43 N; R50

EC 1272/2008

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1,4-Dihydroxybenzene (Hydroquinone)	604-005-00-4	123-31-9	204-617-8		0-0.1%	Carc. 2: H351; Muta. 2: H341; Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Carbon oxides.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 3, 8, 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure limit values

<i>1,4-Dihydroxybenzene</i> (<i>Hydroquinone</i>)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 0.5 WEL 15 min limit mg/m ³ : -
(<i>Ethyl cyanoacrylate</i>)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: 0.3	WEL 8-hr limit mg/m ³ : - WEL 15 min limit mg/m ³ : 1.5

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection	Approved safety goggles.
Skin / hand protection	Chemical resistant gloves.
Respiratory protection	Wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Colourless, one black grade
Odour	Characteristic
pH	No data available
Melting point	≈ -31°C
Freezing point	≈ -71°C
Flash point	≈ 85
Evaporation rate	No data available
Flammability limits	Not applicable
Vapour flammability	Not applicable
Vapour pressure	≈ 21 Pa
Vapour density	No data available
Relative density	1.045 (Water = 1 @ 20°C)
Fat solubility	No data available
Partition coefficient	No data available
Autoignition temperature	450°C
Viscosity	≈ 3 mPas to gel consistency. (Cone & Plate)
Explosive	No data available
Oxidising	No data available
Solubility	Immiscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	Not applicable

Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Avoid contact with: Alkalis, Bases, Strong bases, Water.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

May polymerize.

10.4. Conditions to avoid

Heat. Moisture. Bases.

10.5. Incompatible materials

Alkalis. Bases. Water.

10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	May cause allergic reactions in susceptible people.
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Skin corrosion / irritation	May cause irritation to skin.
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Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
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Germ cell mutagenicity	No data is available on this product.
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Carcinogenicity	No carcinogenic effects reported.
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Reproductive toxicity	No data is available on this product.
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11.2. Toxicological Information

SL16	Oral Rat LD50: >5000 mg/kg	Dermal Rabbit LD50: >2000 mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations

General information	Dispose of in compliance with all local and national regulations.
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Disposal methods	Contact a licensed waste disposal company.
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Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
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SECTION 14: Transport information

14.1. UN number

UN3334

14.2. UN proper shipping name

AVIATION REGULATED LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID

9

Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group	-
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14.5. Environmental hazards

Environmental hazards	No
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Marine pollutant	No
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ADR/RID	
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Hazard ID	-
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IMDG	
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EmS Code	-
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IATA	
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Packing instruction (Cargo)	964
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Maximum quantity	220 L
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Packing instruction (Passenger)	964
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Maximum quantity	100 L
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Further information	
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The product is not classified as dangerous for carriage

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>
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15.2. Chemical safety assessment

No data is available on this product.

SECTION 16: Other information

Other information

Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed. R36/37/38 - Irritating to eyes, respiratory system and skin. R40 - Limited evidence of a carcinogenic effect. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R50 - Very toxic to aquatic organisms. R68 - Possible risk of irreversible effects.</p>
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Text of Hazard Statements in Section 3	<p>Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Acute Tox. 4: H302 - Harmful if swallowed. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. Muta. 2: H341 - Suspected of causing genetic defects. Carc. 2: H351 - Suspected of causing cancer. Aquatic Acute 1: H400 - Very toxic to aquatic life</p>
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Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
