



## SAFETY DATA SHEET

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### LTG2 MEDIUM VISCOSITY CYANOACRYLATE (424)

Revision 0  
Revision date 15-Jan-2009

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name **LTG2 Medium Viscosity Cyanoacrylate**  
Company LimbTex Ltd  
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#### 2 HAZARDS IDENTIFICATION.

Main hazards Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. Irritating to eyes, respiratory system and skin.

#### 3 . COMPOSITION / INFORMATION ON INGREDIENTS.

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	80 - 90%	7085-85-0	230-391-5	Xi; R36/37/38
1,4-Dihydroxybenzene (Hydroquinone)	0 - 0.5%	123-31-9	204-617-8	Carc Cat 3; R40 Muta Cat 3; R68 Xn; R22 Xi; R41R43 N; R50

#### 4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of soap and water. Seek medical attention. Seek medical attention if irritation or symptoms persist.  
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention. Seek medical attention if irritation or symptoms persist.  
Inhalation Move the exposed person to fresh air. Seek medical attention. Seek medical attention if irritation or symptoms persist.  
Ingestion DO NOT INDUCE VOMITING. Seek medical attention. Seek medical attention if irritation or symptoms persist.

#### 5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions.  
Fire hazards Burning produces irritating, toxic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.  
Protective equipment Wear suitable respiratory equipment when necessary.

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**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Keep personnel away from spill.
Environmental precautions	Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.

**7. HANDLING AND STORAGE**

Handling	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Do not breathe gas/fumes/vapour/spray. Do not eat, drink or smoke in areas where this product is used or stored. Do not empty into drains. Open container carefully.
Storage	Keep container tightly closed and in a well-ventilated place. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers. Avoid contact with: oxidising agents. Avoid contact with: direct sunlight.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure limits**

Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: 0.3	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 1.5
1,4-Dihydroxybenzene (Hydroquinone)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 0.5 WEL 15 min limit mg/m3: -

Engineering measures	Ensure adequate ventilation of the working area.
Occupational exposure controls	Keep away from food, drink and animal foodstuffs.
Respiratory protection	Do not breathe gas/fumes/vapour/spray. In case of hypersensitivity of the respiratory tract (e.g. asthmatics and those who suffer from chronic bronchitis) it is unadvisable to work with the product. Wear suitable protective equipment. Suitable half mask respirator with filter P2 (EN 143)
Hand protection	Butyl rubber gloves. Wash hands after handling the product.
Eye protection	Avoid contact with eyes. In case of splashing, wear: Safety glasses.
Protective equipment	Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear suitable protective equipment. Protect clothing from contact with the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Description	Liquid.
Colour	Clear.
Odour	Characteristic.
Boiling point	>150°C
Flash point	>85°C
Viscosity	Cone & Plate - 100 - 200 mPa.s

**10. STABILITY AND REACTIVITY**

Stability	Stable under normal conditions.
Conditions to avoid	Direct sunlight. Heat. Moisture. Alkalis.
Materials to avoid	Reacts violently with water. Strong bases. Amines. Oxidising agents.
Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes. Hazardous decomposition products Carbon oxides. Nitrogen oxides.

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Acute toxicity	May cause allergic reactions in susceptible people. May cause irritation to skin, eyes and mucous membranes.
Corrosivity	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Sensitization	May cause sensitisation by inhalation and skin contact.
Repeated or prolonged exposure	May cause allergic reactions in susceptible people.
Mutagenic effects	No mutagenic effects reported.
Carcinogenic effects	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity	No data is available on this product.
Mobility	No data is available on this product.
Degradability	More than 90% biodegradable.
Bioaccumulation	No data is available on this product.

**13. DISPOSAL CONSIDERATIONS**

General information	Dispose of in compliance with all local and national regulations. Do not allow product to enter drains. Do not empty into drains.
Disposal methods	Dispose of in compliance with all local and national regulations.
Disposal of packaging	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated.

**14. TRANSPORT INFORMATION****ADR/RID**

UN 3334	Packing group -
Class 9	Hazard ID -
Proper Shipping Name LIQUID, N.O.S, .	AVIATION REGULATED

**IMDG**

UN 3334	Packing group -
Class 9	Marine pollutant NO
EmS Code -	

**IATA**

UN 3334	Packing group -
Class 9	Subsidiary risk -
Packing Instruction 906 (Cargo)	Maximum quantity 220 L
Packing Instruction 906 (Passenger)	Maximum quantity 100 L

Further information This product is not classified as dangerous for carriage.

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Symbols

Xi – Irritant



Risk phrases

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

Safety phrases

S2 - Keep out of the reach of children.

S22 - Do not breathe dust.

S23 - Do not breathe gas/fumes/vapour/spray.

S24/25 - Avoid contact with skin and eyes.

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

S51 - Use only in well-ventilated areas.

P3 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

**16. OTHER INFORMATION**

Text of risk phrases in Section 3.

R22 - Harmful if swallowed.

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

R40 - Limited evidence of a carcinogenic effect.

R50 - Very toxic to aquatic organisms.

R68 - Possible risk of irreversible effects.

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.