TRADE GRADE PRODUCTS LTD

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and company.

Product name Cyano Bond HV / MV / LV

Supplier Trade Grade Products Limited

Address 10 Victory Close

Woolsbridge Industrial Park

Three Legged Cross

Wimborne Dorset BH21 6SX

Emergency telephone number 01202 820177

2. Composition / Information on Ingredients.

Material description	CAS No	EINECS No	% Content	Health (class)	Risk (R No.)
Polymethyl Methacrylate			< 15	Xi	R36/37/38
Ethyl 2-cyanoacrylate	7085-85-0	230-391-5	< 90	Xi	R36/37/38
Stabilisers and cross-linking agents			< 1		

3. Hazards Identification.

Irritating to eyes, respiratory system and skin.

Danger: Cyanoacrylate will bond skin and eyes in seconds.

Keep out of the reach of children.

4. First Aid Measures.

Skin Prise the skin apart slowly working from the edge of the bond area. This can be

eased by using warm, soapy water.

Eye DO NOT force eyelids apart. Apply a pad soaked in warm water and allow the eye to

separate itself.

Ingestion DO NOT INDUCE VOMITING. Never make an unconscious person drink fluids.

Immediately rinse mouth and provide fresh air. Get medical attention.

Inhalation Move the exposed person to fresh air at once. Get medical attention if irritation

persists.

5. Fire-fighting Measures.

Extinguishing media Water spray, fog or mist, dry chemicals, dolomite.

Special exposure hazards In case of fire, formation of carbon monoxide, carbon dioxide and nitrous gases.

Personal protection Wear self contained breathing apparatus if significant amounts are involved.

6. Accidental Release Measures.

Do not touch spilled material. Ventilate well. Wear necessary protective equipment. Do not allow to enter drains, sewers or waterways. Absorb in vermiculite, dry sand or earth and place into containers for subsequent disposal.

7. Handling and Storage.

Handling Avoid spilling and skin and eye contact. Ventilate well, avoid breathing vapours. Use

an approved respirator if air contamination is above acceptable levels.

Storage Keep in a cool, dry, well ventilated area in tightly closed, original containers.

Keep upright.

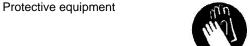
8. Exposure Controls / Personal Protection.

Exposure limit

Exposure STD Long term Short term

Ethyl 2-Cyanoacrylate OES NO STD 0.3 ppm

Isomers and homologues





Respiratory protection Provide adequate general and local exhaust ventilation.

No specific recommendations made but chemical cartridge protection may still be

required for organic dusts / vapours known to be toxic.

Hand protection Wear plastic or rubber gloves. Wash hands before breaks and at end of work.

Eye protection Wear approved goggles.

Body protection Wear appropriate clothing to prevent any possibility of liquid contact and repeated or

prolonged vapour contact.

9. Physical and Chemical Properties.

Appearance Colourless liquid

Odour Pungent

Boiling point > 150°C

Density / Specific gravity 1.04 / 1.10

Flash point (closed cup) > 85°C

Solubility Polymerises in water.

10. Stability and Reactivity.

Stability Stable when handled and stored according to the manufactures recommendations.

Hazardous decomposition

products

High temperatures generate toxic gases / fumes of carbon dioxide (CO2) and carbon

monoxide (CO).

Conditions to avoid Avoid heat, flames and other sources of ignition.

11. Toxicological Information.

Inhalation Vapours may irritate respiratory system and lungs.

Skin Repeated skin contact may possibly cause dermatitis in sensitive individuals.

Eyes Irritation of the eyes and mucous membranes.

12. Ecological Information.

Ecological information Not regarded as dangerous for the environment.

Mobility Not determined.

Bioaccumulation Does not bioaccumulate significantly.

Degradability Not determined.

13. Disposal Consideration.

Disposal of the wet adhesive is governed by the Control of Pollution (Special Wastes) Regulations 1980.

Non-recoverable waste should be disposed of via a licensed waste disposal contractor.

14. Transport Information.

Not classified as hazardous under transport regulations

15. Regulatory Information.

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CHIP Label for supply

IRRITANT

CHIP Risk phrases R36/37/38 Irritating to eyes, respiratory system and skin.

R42/43 May cause sensitisation by inhalation and skin contact.

CHIP Safety phrases S02 Keep out of the reach of children.

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.

S46 If swallowed, seek medical advice immediately and show the label.

Use only in well ventilated areas.

S56 Dispose of this material and its container at hazardous or special

waste collection point.

P03 Cyanoacrylate. Danger. Bond skin and eyes in seconds. Keep

out of the reach of children.

UK regulatory references Health & Safety at work Act 1974.

The Control of Substances Hazardous to Health Regulations 1988.

Environmental listing River (Prevention of Pollution) Act 1961.

Control of Pollution (Special Waste Regulations) Act 1980.

Control of Pollution Act 1974.

EU Directives System of specific information relating to Dangerous Preparations 91\155.

Dangerous Substances Directive 67\548. Dangerous Preparations Directive 88\379.

16. Other Information.

Other information This adhesive should be used in accordance with the supplier's recommendations.

The information provided in this data sheet is based on our current knowledge of the product and is intended to describe it for the purpose of health, safety and environmental requirements only. It should not therefore be construed as

guaranteeing any specific property of the product.

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