

MATERIAL SAFETY
DATA SHEET

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1. PRODUCT IDENTIFICATION

ETHYL CYANOACRYLATE GLUE

2. HAZARDOUS INGREDIENTS	CASE N°	%	OSHA PEL	ACGIH TLV	AUTRES
Alpha Ethyl Cyanoacrylate	7085-85-0	95-98	S/O	S/O	4ppm
Méthacrylate de poly-méthyle	9011-14-7	2 - 5	S/O	S/O	S/O

3. PHYSICAL AND CHEMICAL DATA

Boiling point:.....	65.5° C at 6 mm Hg
Melting point:.....	Approximately -40°C
Vapour pressure(mm/hg):.....	2 @133°F
Evaporation rate:.....	Slow
Water solubility:.....	Insoluble
Specific gravity:.....	1.04 (Water = 1)
Volatility (%):.....	UN
Volatile organic compounds:.....	N/Ap
PH:.....	N/Ap
Viscosity:.....	5 cps max.
Appearance / Odour:.....	Clear liquid (transparent), Pungent odour

4. FIREFIGHTING MEASURES AND EXPLOSION DATA

Flash point:.....	83° C (Closed cupel)
Flammable limits:.....	Lower limit: N/Ap Upper limit: N/Ap
Flammable temperature:.....	N/Ap
Extinguishing media:.....	Foam, carbon dioxide or dry chemical
Special firefighting procedures:.....	Firefighters should be equipped with self-containing breathing apparatus. Water will intensify polymerization with liquid.
Fire and explosion hazards:.....	Flammable. Stored containers near heat or fire may explode due to inside pressure caused by heat.
NFPA code for hazardous compounds:.....	UN
Unusual reaction risk:.....	None

5. STABILITY AND REACTIVITY DATA

Stability:.....	Stable
Material to avoid:.....	Water, weak base, alcohols, heat
Dangerous polymerization:.....	Likely to take place
Reactivity:.....	Moisture, water, excess heat, stay open
Hazardous decomposition products:.....	Acid, carbon monoxide, carbon dioxide, cyanide compound

Abbreviations: N/A - Not available N/Ap - Not applicable UN - Unknown

.../2

6. ENVIRONMENT INFORMATION

Corrective measures when spilled: Consider every measure explained in other sections. Eliminate all source of ignition. Evacuate the area, recover as much material as practical, soak up the remainder with absorbent materials. Ventilate the area. Wear self contained breathing apparatus, rubber boots and polyethylene gloves when cleaning up. Waste disposal method: Dispose in conformity with local municipal by-laws and Environment Ministry rules and recommendations.

7. FIRST-AID MEASURES

Eye contact:..... Hold eyelid open and flush with water for 15 minutes, See a doctor at once.

Skin contact:..... In case of skin contact, soak in warm water and do not pull. Use acetone as a remover. See a doctor if irritation persists. Wash all clothing before wearing it again.

Inhalation:..... In case of inhalation, move victim to fresh air.

Ingestion:..... Do not induce vomiting. In case of vomiting, maintain head lower than hips to avoid vomit to reach lungs. Get medical attention immediately.

Other first-aid measures:..... None.

8. TOXICOLOGICAL PROPERTIES

Route of entry:..... Inhalation, skin contact, ingestion

Toxicity:..... Oral (LD50): N/A
Skin (LD50): N/A
Vapour (LC50): N/A

SIMDUT CLASS:..... B3 - D2B

Chronic effects on humans:..... Not known

Acute effects on humans:..... Eye irritation, bonds skin instantly.

9. PREVENTIVE MEASURES FOR STORAGE AND HANDLING

Required conditions for EPP:..... Normal working conditions

Eye protection:..... Wear safety glasses with side shields. Avoid direct eye contact

Gloves requirements:..... Using polyethylene gloves is recommended

Clothing requirement:..... For a long exposure, wear rubber boots and waterproof clothes

Respirator requirements:..... Use an approved NIOSH respirator

Technical control:..... Local exhaust recommended. Mechanical exhaust recommended in storage room

Storage:..... Keep container closed while not in use. Keep away from heat, flashes and flames. Store in a cool place.

10. NOTICE

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