



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ULTRAFIX CA5, CA40, CA50, CA50SC, CA100, CA100SC, CA150 and CA5000

General Use: Adhesive to mount fabric on screen-printing frames

Manufacturer: SAATlchem
2050 Hammond Dr. Schaumburg, IL 60173
Tel: 1-847-925-8570 (Monday-Friday 8:30am – 5:00pm CST)
Fax: 1-847-925-9278
www.saatiamericas.com

Emergency Telephone Number: INFOTRAC 800-535-5053 or 352-323-3500, 24-hours everyday

MSDS prepared by: Joey Mucha, Regulatory Affairs Coordinator

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Percentage	CAS Number	OSHA PEL	ACGIH TLV
Ethyl Cyanoacrylate	86-100	7085-85-0	N/A	0.2 PPM TWA

3. HAZARDS IDENTIFICATION

Emergency Overview

Clear, colorless to amber liquid with sharp, irritating odor.. BONDS TISSUE INSTANTLY. May cause eye, skin, and respiratory tract irritation. May cause allergic respiratory reaction.

Potential Health Effects

Eye: Bonds tissue instantly. Causes tearing.

Skin: Bonds tissue instantly. May causes irritation.

Ingestion: Not expected—solidifies instantly in mouth.

Inhalation: Vapor causes irritation of eyes and respiratory tract. Prolonged or repeated exposure to vapor may cause allergic, asthmatic respiratory reaction.

Carcinogenicity: Ethyl Cyanoacrylate is not listed as a carcinogen in the US National Toxicology Program Annual Report on carcinogens, or by the International Agency for Research on Cancer.

4. FIRST AID MEASURES

Eyes: Immediately flush with warm water. Allow adhesive to dissociate from eyeball on it's own (typically 1 to 4 days). Seek medical attention.

Skin: Soak in warm, soapy water. Peel surfaces apart—do not pull or force. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Get medical attention immediately.

Inhalation: Remove to fresh air. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point / Method: >177.8 F/>81 C

Flammable Limits: Not available

Extinguishing Media: Water spray, foam, dry chemical or CO₂

Protection of Fire Firefighter: Wear full protective equipment and self-contained breathing apparatus.

Fire & Explosion Hazards: Can form explosive mixtures at temperatures at or above the flashpoint. Containers can build up pressure if exposed to heat.

Sensitivity to Mechanical Impact: Stable

Sensitivity to Static Discharge: Not available

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of spill, flood with water to polymerize, absorb with sand/earth and dispose to chemical waste bin. Dispose in accordance with pertinent national legislation.

7. HANDLING AND STORAGE

When using large volumes ensure that operational area is well ventilated. Store between 5-25C; avoid strong light and heat sources. Incompatible with amines, bases, water. Avoid skin contact and inhalation of vapor.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the exposure limits.

Respiratory Protection: If concentrations are over the exposure limits, use a NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister.

Skin Protection: Nitrile /polyethylene gloves, coveralls, avoid cotton products.

Eye Protection: Safety glasses or goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Clear, colorless to amber

Odor: Sharp, irritating

Vapor Pressure: <0.5 mmHg at 75 F

Specific Gravity: 1.100

Solubility in Water: Immiscible in water

pH: Not applicable

Vapor Density: ~3 (air=1)

Evaporation Rate: >1 (butyl acetate=1)

Boiling Point: >100 F

VOC Content: <20g/L estimated

10. STABILITY AND REACTIVITY

Stability/Conditions to avoid: Stable

Materials to avoid: No applicable information found

Hazardous decomposition products: No applicable information found

Hazardous polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

LD50 oral: >5000 mg kg

LD50 dermal: > 2000 mg kg

LC50 inhalation: >4000 ppm/1H

12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all current local, state, and federal regulations.

14. TRANSPORT INFORMATION

US DOT: Not Regulated

Transport Canada: Not Regulated

IATA: Not Regulated

IMO: Not regulated

15. REGULATORY INFORMATION

US Federal Regulations

TSCA: All components of this product are listed on the TSCA Inventory.

Canada DSL: All ingredients of this product are listed, or are exempt from listing on the Canada DSL.

16. OTHER INFORMATION

HMIS III Rating: Health-2, Fire-2, Reactivity-2,



Personal Protection-H

Revision Date: May 13, 2009

Note for users:

The information contained in the present sheet is based on our knowledge, on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.