

Revised  
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**MATERIAL SAFETY DATA SHEET**  
**RP, SI, FS, HT, & MG SERIES**  
**CYANOACRYLATE ADHESIVE**

HMIS      HEALTH      2      FLAMMABILITY      2      PHYSICAL HAZARD      1

**1. Chemical Product**

Product Name:      RP, SI, FS, HT, & MG Series  
Product Type:      Ethyl Cyanoacrylate

**2. Composition and Information on Harmful Ingredients**

Ingredients	CAS No.	OSHA PEL	ACGIH TLV
Ethyl Cyanoacrylate	7085-85-0	N/A	0.2ppm TWA

*Please scan when  
you have a free moment  
Thank you very much!*

**3. Hazards Identification**

**Label Precautionary Statements:**      Irritant. Irritating to  
Cyanoacrylate. Darn

**Primary Routes of Entry:**      None Known

**Symptoms of Exposure:**      Vapor irritating to  
may lead to non-all

**Medical Conditions Aggravated  
by Exposure:**      No applicable information found.

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**

**Ingestion:**      Ingestion not likely due to polymerization.

**Inhalation:**      Remove to fresh air, if symptoms continue, seek medical advice.

**Skin Contact:**      Soak in warm soapy water.

**Eye Contact:**      Flush with water, seek medical attention.

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**5. Fire Fighting Measures**

<b>Flash Point:</b>	<b>&gt;81°C</b>
<b>Extinguishing Media:</b>	<b>Water spray, foam, dry chemical or CO2.</b>
<b>Special Fire Fighting Procedures:</b>	<b>Wear self contained breathing apparatus.</b>
<b>Unusual Fire / Explosion Hazards:</b>	<b>No applicable information found.</b>
<b>Hazardous Thermal Decomposition Products:</b>	<b>Irritating organic vapors may be formed.</b>

**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 5-25°C; avoid strong light and heat sources.**  
**Incompatible with amine, bases, water.**  
**Avoid skin contact and inhalation of vapor.**

**8. Exposure Control and Personal Protection**

<b>Eye Protection:</b>	<b>Safety goggles / glasses suitable for use with chemicals.</b>
<b>Respiratory Protection:</b>	<b>Always use appropriate filter mask / respirator.</b>
<b>Skin Protection:</b>	<b>Nitrile / polyethylene gloves, coveralls, avoid cotton products.</b>
<b>Ventilation:</b>	<b>Good general or local exhaust ventilation is required for usage.</b>

**9. Physical and Chemical Properties**

<b>Form:</b>	<b>Liquid</b>
<b>Color:</b>	<b>Water white / straw colored</b>
<b>Odor:</b>	<b>Sharp, irritating</b>
<b>Solubility in Water:</b>	<b>Immiscible in water</b>
<b>Boiling Point:</b>	<b>&gt;100°C</b>
<b>Specific Gravity @ 25°C:</b>	<b>1.1</b>
<b>Vapor Pressure @ 25°C:</b>	<b>&lt;0.5mm Hg</b>
<b>Flash Point:</b>	<b>&gt;81°C</b>
<b>V.O.C. Content:</b>	<b>&lt;20g/L estimated (California SCAQMD Method 316B)</b>

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**10. Reactivity and Stability**

<b>Stability:</b>	<b>Stable</b>
<b>Hazardous Polymerization:</b>	<b>Will not occur</b>
<b>Incompatibility:</b>	<b>Water, bases, amines</b>
<b>Conditions to Avoid:</b>	<b>No applicable information found</b>
<b>Hazardous Decomposition Products:</b>	<b>No applicable information found</b>

**11. Toxicological Information**

**Estimated Oral LD50: >5000 mg kg**  
**Estimated Dermal LD50: >2000 mg kg**  
**Estimated Inhalation LC50: >4000ppm/1H**  
**Causes Severe Irritation. High concentrations are destructive to tissues of the mucous membranes and the upper respiratory tract.**

**12. Ecological Information**

**No applicable information found**

**13. Disposal Considerations**

**Cyanoacrylates must be disposed of in accordance with all national and local regulations.**

**14. Transportation Information**

**Not considered hazardous for the purposes of transportation.**

**15. Regulatory Information (Not meant to be all inclusive)**

**TSCA**

**All ingredients of this product are listed, or are exempt from listing, on the TSCA inventory.**

**Canada DSL**

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

**NON-WARRANTY:** Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

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**MATERIAL SAFETY DATA SHEET**  
**QUICK TAC 2**  
**ACCELERATOR**

HMIS	HEALTH	2	FLAMMABILITY	3	REACTIVITY	0
NFPA	HEALTH	1	FIRE HAZARD	3	REACTIVITY	0

1. Chemical Product

Product Name: Quick Tac 2  
Product Type: Acetone

2. Composition and Information on Harmful Ingredients

Ingredients	CAS No.	OSHA PEL	ACGIH TWA	ACGIH STEL	%Composition
Acetone	67-64-1	1000ppm	500ppm	750ppm	>99

3. Hazards Identification

Physical State: Liquid.  
Color: Clear to amber.  
Odor: Fragrant, mint-like.

\*\*\*EMERGENCY OVERVIEW\*\*\*: DANGER! EXTREMELY FLAMMABLE LIQUID. Keep away from heat, sparks, and open flame. Harmful if inhaled. Causes eye and skin irritation. Harmful if swallowed. Aspiration may cause lung damage.

Routes of exposure: Eyes, ingestion, inhalation, skin.  
Target organs: Eyes, skin, respiratory system, central nervous system.  
Medical conditions aggravated by exposure: Eye, skin, and respiratory system disorders.  
Other: Drinking alcohol may worsen the effects resulting from exposure.  
Cancer information: This product does not contain greater than 0.1% of known or potential carcinogens listed in NTP, IARC, or OSHA.

4. First Aid Measures

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention.

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**Skin contact:** Flush skin with plenty of water while removing contaminated clothing and shoes. If irritation persists, get medical attention.

**Inhalation:** Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. **GET MEDICAL ATTENTION IMMEDIATELY.**

**Ingestion:** If swallowed, call a physician immediately. **DO NOT** induce vomiting unless directed to do so by a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

**NOTE TO PHYSICIANS:** There is no specific antidote. Treatment should be directed at controlling symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

**5. Fire Fighting Measures**

**Flash Point:** < 0°F

**Flammability Limits:** LEL: 1.5% UEL: 13%

**Autoignition temperature:** 869°F

**Extinguishing Media:** Water spray, foam, dry chemical or CO<sub>2</sub>.

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus.

**Fire / Explosion Hazards:** **EXTREMELY FLAMMABLE LIQUID.** Vapors are heavier than air.

**Hazardous Thermal Decomposition Products:** Carbon dioxide, carbon monoxide.

**6. Accidental Release Measures**

**EXTREMELY FLAMMABLE LIQUID.** Eliminate all sources of ignition. Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protection recommendations found in section 8. Shut off source of leak if safe to do so. Use non-sparking tools and equipment. Contain spill, place into drums for proper disposal. Soak up residue with non-flammable absorbent material. **DO NOT** use sawdust. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. Use water spray to control vapor.

**7. Handling and Storage**

**Storage:** **EXTREMELY FLAMMABLE LIQUID.** Store in a cool, well-ventilated area away from all sources of ignition and out of direct sunlight. Keep containers tightly closed. Bond and ground transfer containers and equipment.

**Handling:** Avoid contact with eyes, skin, and clothing. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

**8. Exposure Control and Personal Protection**

# MATERIAL SAFETY DATA SHEETS

## QUICK TAC 2

### ACCELERATOR

Respiratory protection:

Eye/face protection:

Skin protection:

Other protective equipment:

General hygiene considerations:

avoid overexposure. Do not use in closed or confined spaces.

If exposure limits are exceeded, wear NIOSH respirator.

Wear chemical safety goggles and a full face shield.

Prevent contact. Wear gloves made of butyl rubber, neoprene, natural rubber, nitrile, viton®, polyvinyl alcohol, polyethylene, or polyvinyl chloride.

Eye-wash station, safety shower, rubber apron.

Wash with soap and water before meal times and at the end of each work shift.

#### 9. Physical and Chemical Properties

Boiling point: 133°F  
Freezing point: -139°F  
Melting point: N.A.  
Vapor pressure: 180@20°C  
Solubility in water: Complete

Specific gravity: 0.79@20°C  
% Volatile: 100  
Evaporation rate: >5  
VOC (WT%): 0  
VOC (Lbs/Gal): 0

#### 10. Reactivity and Stability

Stability:

Hazardous Polymerization:

Incompatibility:

Conditions to Avoid:

Hazardous Decomposition Products:

Stable.

Will not occur.

Acids, alkalis, oxidizers.

Avoid contact with heat, sparks, electric arcs, and open flames.

Carbon dioxide and carbon monoxide.

#### 11. Toxicological Information

Oral LD50: Rat - 5800mg/kg  
                  Mouse - 3000mg/kg  
Dermal LD50: Rabbit - 20g/kg  
Inhalation LC50: Rat - 50100mg/m<sup>3</sup>/8H  
                  LCLo mouse - 110g/m<sup>3</sup>/8H

Development of cataracts has been reported in laboratory animals after prolonged or repeated exposure to acetone. In animal studies, repeated oral dosing of large amounts of acetone was reported to cause adverse effects in the hematological system, liver, kidney, and testis. In animals, acetone administration can potentiate the toxicity of a variety of chemical toxicants, which is believed to be secondary to induction of live enzymes. In pregnant animals exposed to high concentrations of acetone, there were no birth defects, but some evidence of embryofetal toxicity.

#### 12. Ecological Information

Extensive data, call for information.

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**13. Disposal Considerations**

**Hazardous waste number:** U002; D001

**Note:**

When acetone is a spent solvent, it is classified as a hazardous waste from a nonspecific source (F003). An additional EPA hazardous waste number may include: D018

**Disposal method:**

Dispose of in a permitted hazardous waste management facility following all local, state, and federal regulations.

**14. Transportation Information (Not meant to be all inclusive)**

**DOT (Department of Transportation):**

**Shipping name:** Acetone  
**Hazard class:** 3  
**ID/UN number:** UN1090  
**Packing group:** II  
**Label required:** Flammable Liquid  
**Reportable quantity (RQ):** 5000Lbs.

**15. Regulatory Information**

**State regulations:**

**California – The following components are listed under Prop 65:**

**Benzene ( $\leq 0.003\%$ )**

**Formaldehyde ( $\leq 0.002\%$ )**

**Wisconsin – The following components are listed as a Wisconsin HAP:**

**None**

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