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K-CO Products, LLC
8130 Tridon Dr. STE 400
Smyrna TN 37167

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	Other Limits	%Composition
Ethyl Cyanoacrylate	7085-85-0	N/A	0.2ppm TWA	0.3ppm STEL	86-100

3. Hazards Identification

Label Precautionary Statements: Irritant. Irritating to eyes, skin, and respiratory system.
Cyanoacrylate. Danger. Bonds skin and eyes in seconds.

Primary Routes of Entry: None Known

Symptoms of Exposure: Vapor irritating to eyes and breathing. Prolonged exposure may lead to non-allergic asthma.

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

Flash Point:	>81 °C
Extinguishing Media:	Water spray, foam, dry chemical or CO ₂ .
Special Fire Fighting Procedures	Wear self contained breathing apparatus.
Unusual Fire/ Explosion Hazards	No applicable information found.
Hazardous Thermal Decomposition Products	Irritating organic vapors may be formed.

6. Accidental Release Measures

Ventilate area of spill, flood with water to polymerize, absorb with sand/ earth and dispose in 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 and water.
Avoid skin contact and inhalation of vapor.

8. Exposure Control and Personal Protection

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

9. Physical and chemical properties

Form:	Liquid
Color:	Water white/ straw colored
Odor:	Sharp, irritating
Solubility in water:	Immiscible in water
Boiling Point:	> 100 °C
Specific Gravity @ 25 °C:	1.1

Vapor Pressure@25°C: >0.5mm Hg
Flash Point: >81°C
V.O.C. Content: >20g/L estimated (California SCA QMD Method 316B)

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10. Reactivity and Stability

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility:	Water, bases, amines
Conditions to avoid:	No applicable information found
Hazardous decomposition Products:	No applicable information found

11. Toxicological Information

Estimated Oral LD50:	>5000 mg kg
Estimated Dermal LD50:	>2000 mg kg
Estimated Inhalation LC50:	>4000 ppm/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.

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