



Safety Data Sheet:  
**Material Name: Krazy Glue**  
**Precision Control Pen**  
**SDS ID: SDS-107**  
Issue Date: 2015-03-27  
Revision: .

**Other Sections**

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## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Material Name**

Krazy Glue Precision Control Pen

**Synonyms**

KG829

**Chemical Family**

Cyanoacrylate containing adhesive.

**Manufacturer Information**

Elmer's Products, Inc  
460 Polaris Parkway, Suite 500  
Westerville, OH 43082  
USA  
Phone: 1-888-435-6377  
Fax: 1-800-741-6046  
Email: comments@elmers.com

Emergency Phone Number:  
Poison Control Center  
1-888-516-2502

For additional product information, access our website at [www.elmers.com](http://www.elmers.com). To place an order, call 1-800-848-9400.

## Section 2 - HAZARDS IDENTIFICATION

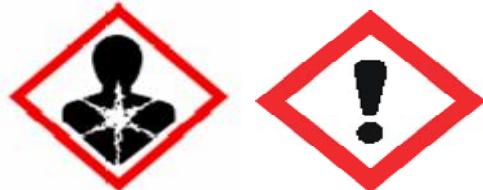
**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Flammable Liquids - Category 4  
Serious Eye Damage/Eye Irritation - Category 2A  
Skin Sensitization - Category 1A

Reproductive Toxicity - Category 2  
Specific Target Organ Toxicity - Single Exposure - Category 3

## GHS Label Elements

### Symbol(s)



### Signal Word

Warning

### Hazard Statement(s)

Combustible liquid  
Causes serious eye irritation  
May cause allergic skin reaction  
Suspected of damaging fertility or the unborn child  
May cause respiratory irritation

### Precautionary Statement(s)

#### Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
Use only outdoors or in a well-ventilated area  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapours/spray  
Wash thoroughly after handling  
Contaminated work clothing must not be allowed out of the workplace

#### Response

In case of fire: Use appropriate media to extinguish  
IF exposed or concerned: Get medical advice/attention  
IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor if you feel unwell  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN: Wash with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse  
Specific treatment (see label)

**Storage**

Store in a well-ventilated place. Keep container tightly closed  
Keep cool  
Store locked up

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations

**Other Hazards**

No additional information is available.

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**Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

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CAS	Component Name	Percent
7085-85-0	Ethyl cyanoacrylate	>91
119-47-1	2,2'-Methylenebis(4-methyl-6-tert-butylphenol)	0.2

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**Section 4 - FIRST AID MEASURES**

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**Description of Necessary Measures**

IF exposed or concerned: Get medical advice/attention.

**Inhalation**

Remove person to fresh air and keep comfortable for breathing.

**Skin**

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Eyes**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion**

Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious or convulsive person. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

## Most Important Symptoms/Effects

### Acute

May cause respiratory irritation, eye irritation. May cause allergic skin reaction.

### Delayed

Suspected of damaging fertility or the unborn child.

## Section 5 - FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Use carbon dioxide, regular dry chemical, regular foam or water.

#### Unsuitable Extinguishing Media

Do not use high-pressure water streams.

### Special Hazards Arising from the Chemical

Slight fire hazard.

### Special Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool containers with water spray until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn. Do not scatter spilled material with high-pressure water streams.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

### Methods and Materials for Containment and Cleaning Up

Do not touch or walk through spilled material. Stop leak if possible without personal risk. Prevent entry into waterways, sewers, basements, or confined areas. Reduce vapors with water spray. Absorb with earth, sand or other non-combustible material and transfer to container. Use non-sparking tools. Large spills: Dike for later disposal.

**Environmental Precautions**

Avoid release to the environment.

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**Section 7 - HANDLING AND STORAGE**

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**Precautions for Safe Handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

**Conditions for Safe Storage, Including any Incompatibilities**

Store in a well-ventilated place. Keep container tightly closed

Keep cool

Store locked up

**Incompatible Materials**

amines, bases, alcohol

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**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Component Exposure Limits**

Ethyl cyanoacrylate	7085-85-0
ACGIH:	0.2 ppm TWA

**Biological limit value**

There are no biological limit values for any of this product's components.

**Engineering Controls**

Provide local exhaust ventilation system. Ensure adequate ventilation.

**Individual Protection Measures, such as Personal Protective Equipment****Eye/face protection**

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin Protection**

Wear appropriate chemical resistant clothing.

**Respiratory Protection**

Under conditions of frequent use or heavy exposure, respiratory protection may be needed. A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

#### **Glove Recommendations**

Wear appropriate chemical resistant gloves.

### **Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	clear colorless liquid	<b>Physical State</b>	Not available
<b>Odor</b>	Not available	<b>Color</b>	Not available
<b>Odor Threshold</b>	Not available	<b>pH</b>	Not available
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	62 °C
<b>Freezing point</b>	Not available	<b>Evaporation Rate</b>	Not available
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	Not available	<b>Flash Point</b>	83 °C
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	0.13 mmHg (@ 20 °C)
<b>Vapor Density (air=1)</b>	~3	<b>Specific Gravity (water=1)</b>	Not available
<b>Water Solubility</b>	Insoluble (causes rapid polymerization)	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	40 cps (@ 25 °C)	<b>Solubility (Other)</b>	Not available
<b>Density</b>	1.05 g/cm3	<b>VOC</b>	0 g/L (SCAQMD Method 316B)

### **Section 10 - STABILITY AND REACTIVITY**

#### **Reactivity**

May polymerize when heated. Avoid contact with water or moisture.

#### **Chemical Stability**

Unstable at elevated temperatures.

**Possibility of Hazardous Reactions**

May polymerize. Avoid contact with water or moisture.

**Conditions to Avoid**

Avoid heat, flames, sparks and other sources of ignition. Containers may rupture or explode if exposed to heat. Avoid contact with water or moisture.

**Incompatible Materials**

amines, bases, alcohol

**Hazardous decomposition products**

oxides of carbon.

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**Section 11 - TOXICOLOGICAL INFORMATION**

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**Information on Likely Routes of Exposure****Inhalation**

May cause respiratory irritation.

**Skin Contact**

Causes serious eye irritation. May cause allergic skin reaction.

**Eye Contact**

Causes serious eye irritation.

**Ingestion**

No information on significant adverse effects.

**Acute and Chronic Toxicity****Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Ethyl cyanoacrylate (7085-85-0)

Oral LD50 Rat > 5 mL/kg

2,2'-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)

Oral LD50 Rat > 10000 mg/kg

Dermal LD50 Rabbit > 10000 mg/kg

**Immediate Effects**

May cause respiratory irritation, eye irritation, May cause allergic skin reaction.

**Delayed Effects**

Suspected of damaging fertility or the unborn child.

**Irritation/Corrosivity Data**

May cause respiratory irritation, eye irritation.

**Respiratory Sensitization**

No information available for the product.

**Dermal Sensitization**

May cause allergic skin reaction.

**Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

**Germ Cell Mutagenicity**

No information available for the product.

**Reproductive Toxicity**

Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure**

Respiratory system

**Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

**Aspiration hazard**

No information available for the product.

**Medical Conditions Aggravated by Exposure**

No data available.

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**Section 12 - ECOLOGICAL INFORMATION**

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**Component Analysis - Aquatic Toxicity**

No LOLI ecotoxicity data are available for this product's components

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**Section 13 - DISPOSAL CONSIDERATIONS**

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**Disposal Methods**

Dispose in accordance with all applicable regulations.

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## Section 14 - TRANSPORT INFORMATION

**US DOT Information:**

UN/NA #: Not Regulated

**IATA Information:**

UN#: Not Regulated

**TDG Information:**

UN#: Not Regulated

## Section 15 - REGULATORY INFORMATION

**U.S. Federal Regulations**

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

**U.S. State Regulations**

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Ethyl cyanoacrylate	7085-85-0	No	No	No	Yes	No

**Not listed under California Proposition 65**
**Component Analysis - Inventory**

Ethyl cyanoacrylate (7085-85-0)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

2,2'-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

## Section 16 - OTHER INFORMATION

**NFPA Ratings**

Health: 2 Fire: 2 Reactivity: 1

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## **Summary of Changes**

New SDS: 3/17/2015

### **Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of LIsts™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### **Other Information**

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