



## Safety Data Sheet

**Material Name: Krazy Glue Maximum Bond Gel Series**

**SDS ID: SDS-72**

### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Material Name**

Krazy Glue Maximum Bond Gel Series

**Synonyms**

Advanced Formula Gel, KG481, KG484, KG488, KG817, 10466, 10800

**Chemical Family**

cyanoacrylate

**Product Use**

Adhesive

**Restrictions on Use**

None known

**Details of the supplier of the safety data sheet**

Newell Office Brands

Product of Newell Office Brands, Inc.

6655 Peachtree Dunwoody Rd. NE

Atlanta, GA 30328

[www.krazyglue.com](http://www.krazyglue.com)

Phone: 1.888.435.6377

Emergency Phone #: 1.888.516.2502

### Section 2 - HAZARDS IDENTIFICATION

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

Flammable Liquids - Category 4

Acute Toxicity - Inhalation - Vapor - Category 4

Serious Eye Damage/Eye Irritation - Category 2A

Skin Sensitization - Category 1A

Specific Target Organ Toxicity - Single Exposure - Category 3

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Warning

**Hazard Statement(s)**

Combustible liquid.

Harmful if inhaled.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause respiratory irritation.

**Precautionary Statement(s)**



## Safety Data Sheet

**Material Name: Krazy Glue Maximum Bond Gel Series**

**SDS ID: SDS-72**

### Prevention

Keep away from flames and hot surfaces. – No smoking.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves and eye protection.  
Avoid breathing vapors.  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.

### Response

IF ON SKIN: Wash with plenty of soap and water.  
Specific treatment (see label).  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
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.  
In case of fire: Use dry chemical or carbon dioxide to extinguish.

### 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.

### Statement(s) of Unknown Acute Toxicity

Inhalation 9.81% of the mixture consists of ingredient(s) of unknown acute toxicity.

### Other Hazards

No additional information is available.

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
7085-85-0	Ethyl cyanoacrylate	>89

### Section 4 - FIRST AID MEASURES

#### Description of Necessary Measures

Call a POISON CENTER or doctor/physician if you feel unwell.

#### Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### 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. Peel or roll the surfaces apart using a blunt edge, such as a spatula or spoon handle.

#### Eyes



## Safety Data Sheet

**Material Name: Krazy Glue Maximum Bond Gel Series**

**SDS ID: SDS-72**

Remove contact lenses, if present and easy to do. IMMEDIATELY wash with large amounts of warm water, occasionally lifting upper and lower lids, until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

### **Ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### **Most Important Symptoms/Effects**

#### **Acute**

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

#### **Delayed**

No information on significant adverse effects.

## **Section 5 - FIRE FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

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

#### **Unsuitable Extinguishing Media**

None known. Do not use high-pressure water streams.

### **Special Hazards Arising from the Chemical**

Combustible liquid

### **Hazardous Combustion Products**

Oxides of carbon, oxides of nitrogen

### **Special Protective Equipment and Precautions for Firefighters**

Self-contained breathing apparatus with face piece and protective clothing can be used if involved in a fire of other materials. 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. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind and keep out of low areas. Ventilate closed spaces before entering.

### **Methods and Materials for Containment and Cleaning Up**

Eliminate all ignition sources if safe to do so. 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.

## **Section 7 - HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Keep away from heat/sparks/open flame/hot surfaces - 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/vapors/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

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



## Safety Data Sheet

**Material Name: Krazy Glue Maximum Bond Gel Series**

**SDS ID: SDS-72**

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

Keep cool.

Store locked up.

Avoid contact with water or moisture. Keep away from heat and ignition sources. Keep away from incompatible materials. Protect from sunlight.

### Incompatible Materials

amines, alcohols, bases

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

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

### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

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>	liquid
<b>Odor</b>	irritating odor	<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>Boiling Point Range</b>	Not available	<b>Freezing point</b>	-28 °C
<b>Evaporation Rate</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition Temperature</b>	Not available	<b>Flash Point</b>	83 °C
<b>Lower Explosive</b>	Not available	<b>Decomposition temperature</b>	Not available



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SDS ID: SDS-72

Limit			
Upper Explosive Limit	Not available	Vapor Pressure	0.13 mmHg (@ 20 °C)
Vapor Density (air=1)	>1	Specific Gravity (water=1)	Not available
Water Solubility	insoluble (causes rapid polymerization )	Partition coefficient: n-octanol/water	Not available
Viscosity	6000 cps (@ 25 °C)	Kinematic viscosity	Not available
Solubility (Other)	Not available	Density	1.08 g/cm <sup>3</sup>
VOC	0 g/L (SCAQMD Method 316B )	Molecular Weight	Not available

### Section 10 - STABILITY AND REACTIVITY

#### Reactivity

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

#### 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. Keep out of water supplies and sewers. Avoid contact with water or moisture.

#### Incompatible Materials

Alcohols, amines, bases

#### Hazardous decomposition products

Oxides of carbon, oxides of nitrogen

### Section 11 - TOXICOLOGICAL INFORMATION

#### Information on Likely Routes of Exposure

##### Inhalation

May cause respiratory irritation.

##### Skin Contact

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



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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 >5000 mg/kg

Dermal LD50 Rabbit >2000 mg/kg (no deaths occurred )

Inhalation LC50 Rat <21.1 mg/L 1 h

**Product Toxicity Data**

**Acute Toxicity Estimate**

Dermal	> 2000 mg/kg
Inhalation - Vapor	11.6975 mg/L
Oral	> 2000 mg/kg

**Immediate Effects**

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

**Delayed Effects**

No information on significant adverse effects.

**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.

**Tumorigenic Data**

No data available

**Reproductive Toxicity**

No information available for the product.

**Specific Target Organ Toxicity - Single Exposure**

respiratory tract

**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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SDS ID: SDS-72

### Section 12 - ECOLOGICAL INFORMATION

#### Component Analysis - Aquatic Toxicity

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

### Section 13 - DISPOSAL CONSIDERATIONS

#### Disposal Methods

Dispose in accordance with all applicable regulations.

#### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

### Section 14 - TRANSPORT INFORMATION

#### US DOT Information:

UN/NA #: Not Regulated

#### IATA Information:

UN#: Not Regulated

#### TDG Information:

UN#: Not Regulated

#### International Bulk Chemical Code

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

### 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.

#### SARA Section 311/312 (40 CFR 370 Subparts B and C) 2016 reporting categories

Acute Health: Yes Chronic Health: No Fire: Yes Pressure: No Reactivity: No

#### SARA Section 311/312 (40 CFR 370 Subparts B and C) 2017 reporting categories

Flammable; Acute toxicity; Respiratory/Skin Sensitization; Serious Eye Damage/Eye Irritation; Specific Target Organ Toxicity

#### 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

#### Canada Regulations

#### Canadian WHMIS Ingredient Disclosure List (IDL)

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

#### WHMIS Classification

B3 , D2B



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SDS ID: SDS-72

### Component Analysis - Inventory Ethyl cyanoacrylate (7085-85-0)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	No	No	Yes	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

Updated SDS: 1/24/2017

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CFR - Code of Federal Regulations (US); 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; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; 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; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; 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; MX - Mexico; NDSL - Non-Domestic Substance List (Canada); 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; PEL- Permissible Exposure Limit; 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; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); WHMIS - Workplace Hazardous Materials Information System (Canada).

#### Other Information

##### Disclaimer:

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages





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arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.