

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.08.2019

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Extreme Glue - Cyanoacrylate Gel

SECTION 1: Identification

Product identifier

Product name: Extreme Glue - Cyanoacrylate Gel

Product code: 33400



Recommended use of the product and restriction on use

Relevant identified uses: Adhesive

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

J-B Weld Company, LLC

400 CMH Road

Sulphur Springs, TX 75482

903-885-7696

info@jbweld.com

Emergency telephone number:

United States

InfoTrac

Transportation Emergencies (24 hour): 800-535-5053

Poison Control Centers (24 hour): medical emergencies 800-222-1222

SECTION 2: Hazard(s) identification

GHS classification:

Flammable liquids, category 4

Skin irritation, category 2

Eye irritation, category 2A

Skin sensitization, category 1

Specific target organ toxicity - single exposure, category 3, respiratory irritation

Carcinogenicity, category 2

Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H227 Combustible liquid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

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H351 Suspected of causing cancer.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands thoroughly after handling.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing must not be allowed out of the workplace.

P271 Use only outdoors or in a well-ventilated area.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P233 Keep container tightly closed.

P370+P378 In case of fire: Use agents recommended in section 5 for extinction.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P362 Take off contaminated clothing and wash before reuse

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

P321 Specific treatment (see supplemental first aid instructions on this label).

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists get medical advice/attention

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P308+P313 If exposed or concerned: Get medical advice/attention

P403+P235 Store in a well ventilated place. Keep cool.

P405 Store locked up.

P403+P233 Store in a well ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7085-85-0	Resin	<90
CAS number: 112945-52-5	Co-Polymer	5-10
CAS number: 123-31-9	Co-Polymer	<1
CAS number: 9011-14-7	Co-Polymer	5-15

Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4: First aid measures

Description of first aid measures

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General notes:

Not determined or not applicable.

After inhalation:

Remove victim to fresh air and place in a position comfortable for breathing. If respiratory symptoms develop and persist or if feeling unwell: seek medical advice/attention. If breathing is difficult, administer oxygen. If breathing has stopped, trained personnel should begin rescue breathing and get emergency medical aid

After skin contact:

Take off all contaminated clothing. Rinse affected area with soap and water. Gently blot or brush away excess product. If skin irritation develops or persists, seek medical advice/attention

After eye contact:

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open

Continue rinsing. Seek medical attention

Remove contact lenses, if present and easy to do so

After swallowing:

Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting spontaneously occurs, place victim on side in the recovery position to prevent aspiration into the lungs.

Never give anything by mouth to an unconscious person. If experiencing symptoms or concerned:

Contact a POISON CENTER or doctor/physician

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Causes eye and skin irritation. Symptoms include redness, tearing, burning, inflammation of eyes, reddening and itching of skin

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Delayed symptoms and effects:

May cause cancer over time

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam

Unsuitable extinguishing media:

Do not use water jet

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

Special precautions:

Shut off sources of ignition

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Carbon monoxide and carbon dioxide may form upon combustion
Heating causes a rise in pressure, risk of bursting and combustion

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

- Ensure adequate ventilation
- Ensure air handling systems are operational
- Wear protective eye wear, gloves and clothing
- Wear recommended personal protective equipment (see Section 8)

Environmental precautions:

- Should not be released into the environment
- Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:

- Wear protective eye wear, gloves and clothing
- Use spark-proof tools and explosion-proof equipment
- Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)
- Dispose of contents / container in accordance with local regulations

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:

- Use only with adequate ventilation.
- Avoid breathing mist or vapor.
- Do not eat, drink, smoke or use personal products when handling chemical substances.
- Take precautionary measures against electrostatic discharges.
- Use only non-sparking tools.
- Wear recommended personal protective equipment (see Section 8).

Conditions for safe storage, including any incompatibilities:

- Keep container tightly sealed.
- Protect from freezing and physical damage.
- Store in a cool, well-ventilated area.
- Store away from all ignition sources (open flames, hot surfaces, direct sunlight, spark sources).

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
United States (OSHA)	Co-Polymer	112945-52-5	OSHA PEL TWA 20.0 Million particles per cubic foot
	Co-Polymer	112945-52-5	OSHA PEL TWA 0.8 mg/m ³ 80/(%SiO ₂)
	Co-Polymer	123-31-9	Z-1 PEL 2.0 mg/m ³
NIOSH	Co-Polymer	112945-52-5	NIOSH REL TWA 6.0 mg/m ³
	Co-Polymer	123-31-9	NIOSH C 2.0 mg/m ³

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Co-Polymer	123-31-9	IDLH: 50 mg/m ³
ACGIH	Resin	7085-85-0	8-Hour Exposure Limit (TLV-TWA): 0.2 ppm
	Resin	7085-85-0	15-minute STEL: 1 ppm
	Co-Polymer	123-31-9	TLV TWA 1.0 mg/m ³ 8-hr

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above. Use explosion-proof ventilation equipment.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Clear gel
Odor	Not determined or not available.
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	-117°C
Initial boiling point/range	60 - 70 °C
Flash point (closed cup)	80 °C (Closed cup)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.

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Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Approximately 3
Density	Not determined or not available.
Relative density	1.05
Solubilities	Polymerized by water.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

Other information

Steam pressure (20°C)	Less than 0.2 mm
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SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

Avoid direct sun light, overheating or open fires.

Incompatible materials:

Polymerized by contact with amines, alkalis, water and alcohols.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Route	Result
Co-Polymer	oral	LD50 Rat: 367 mg/kg

Skin corrosion/irritation

Assessment:

Causes skin irritation

Product data:

No data available.

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Substance data:

Name	Result
Resin	Causes skin irritation
Co-Polymer	Irritating to the skin.

Serious eye damage/irritation

Assessment:

Causes serious eye irritation

Product data:

No data available.

Substance data:

Name	Result
Resin	Causes serious eye irritation.
Co-Polymer	Causes serious eye damage Irritating effect on the eyes.

Respiratory or skin sensitization

Assessment:

May cause an allergic skin reaction

Product data:

No data available.

Substance data:

Name	Result
Co-Polymer	May cause an allergic skin reaction.

Carcinogenicity

Assessment:

Suspected of causing cancer

Product data:

No data available.

Substance data:

Name	Species	Result
Co-Polymer	Not applicable	This component has been reported to be possibly carcinogenic.

International Agency for Research on Cancer (IARC):

Name	Classification
Co-Polymer	Group 3 - Not classifiable as to its carcinogenicity to humans Group 3 - Not classifiable as to its carcinogenicity to humans

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
Co-Polymer	Suspected of causing genetic defects.

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Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment:

May cause respiratory irritation

Product data:

No data available.

Substance data:

Name	Result
Resin	May cause respiratory irritation.
Co-Polymer	Component affects the respiratory system.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment:

Harmful to aquatic life

Product data: No data available.

Substance data:

Name	Result
Co-Polymer	LC50 - Oncorhynchus mykiss (rainbow trout) - 0.04 - 0.1 mg/l - 96.0 h
	EC50 - Daphnia magna (Water flea) - 0.13 mg/l - 48 h
	EC50 - Pseudokirchneriella subcapitata (green algae) - 0.335 mg/l - 72 h

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

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Name	Result
Co-Polymer	EC50: 0.08 mg/l - Daphnia magna (21 days)

Persistence and degradability

Product data: No data available.

Substance data:

Name	Result
Co-Polymer	Readily biodegradable.

Bioaccumulative potential

Product data: No data available.

Substance data:

Name	Result
Co-Polymer	No potential for bioaccumulation.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None
Additional Information	This material is not subject to the Hazardous Materials Regulations as it is a combustible liquid shipped in a non bulk packaging, therefore meeting the criteria specified in 49 CFR 173.150(f)(2)

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

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UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

7085-85-0	Resin	Listed
9011-14-7	Co-Polymer	Listed
112945-52-5	Co-Polymer	Listed
123-31-9	Co-Polymer	Listed

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 extremely hazardous substances:

123-31-9	Co-Polymer	Listed
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SARA Section 313 toxic chemicals:

7085-85-0	Resin	Not Listed
9011-14-7	Co-Polymer	Not Listed
112945-52-5	Co-Polymer	Not Listed
123-31-9	Co-Polymer	Listed

CERCLA:

123-31-9	Co-Polymer	Listed	100 lb
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RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

7085-85-0	Resin	Not Listed
9011-14-7	Co-Polymer	Not Listed
112945-52-5	Co-Polymer	Listed
123-31-9	Co-Polymer	Listed

New Jersey Right to Know:

7085-85-0	Resin	Listed
9011-14-7	Co-Polymer	Not Listed
112945-52-5	Co-Polymer	Not Listed

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123-31-9	Co-Polymer	Listed
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New York Right to Know:

7085-85-0	Resin	Not Listed
9011-14-7	Co-Polymer	Not Listed
112945-52-5	Co-Polymer	Not Listed
123-31-9	Co-Polymer	Listed

Pennsylvania Right to Know:

7085-85-0	Resin	Not Listed
9011-14-7	Co-Polymer	Not Listed
112945-52-5	Co-Polymer	Listed
123-31-9	Co-Polymer	Listed

California Proposition 65: None of the ingredients are listed.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 2-1-0

HMIS: 2-1-0

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End of Safety Data Sheet