



Light Pen

J-B Weld Company LLC

Version No: 1.3.4.1

Safety Data Sheet according to OSHA HazCom Standard (2012) requirements

Issue Date: 05/26/2021

Print Date: 05/26/2021

S.GHS.USA.EN

SECTION 1 Identification

Product Identifier

Product name	Light Pen
Synonyms	33301 SuperWeld Light Activated Glue
Other means of identification	Not Available

Recommended use of the chemical and restrictions on use

Relevant identified uses	Use according to manufacturer's directions.
--------------------------	---

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Registered company name	J-B Weld Company LLC
Address	400 CMH Road Sulphur Springs TX 75482 United States
Telephone	903-885-7696
Fax	Not Available
Website	WWW.JBWeld.com
Email	info@JBWeld.com

Emergency phone number

Association / Organisation	InfoTrac
Emergency telephone numbers	Transportation Emergencies: 800-535-5053 or (24 hours)
Other emergency telephone numbers	Poison Control Centers: Medical Emergencies 800-222-1222 (24 hours)

SECTION 2 Hazard(s) identification

Classification of the substance or mixture

Classification	Not Applicable
----------------	----------------

Label elements

Hazard pictogram(s)	Not Applicable
Signal word	Not Applicable

Hazard statement(s)

Not Applicable

Hazard(s) not otherwise classified

Not Applicable

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

Not Applicable

Precautionary statement(s) Response

Not Applicable

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Light Pen

Not Applicable

SECTION 3 Composition / information on ingredients**Substances**

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

SECTION 4 First-aid measures**Description of first aid measures**

Eye Contact	Eyelid Adhesion Do not force eyes or any bonded skin apart. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Hold eyelids apart and consult an physician.
Skin Contact	Do not pull bonded skin apart. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. ▶ Prevent skin contact.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Most important symptoms and effects, both acute and delayed

See Section 11

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Treat symptomatically.

Skin which is glued or stuck together by accident should never be surgically removed. Even without any special treatment, it is only a matter of time until cyanoacrylate glues come off one's skin, eyes, or mouth, due to the effect of skin moisture, sweat, tears, or saliva. The effect can be supported by water and soap and/or use of fatty protective skin lotion or oil.

SECTION 5 Fire-fighting measures**Extinguishing media**

Carbon dioxide (CO2). Extinguishing powder. Water spray or fog. Alcohol resistant foam.

Special hazards arising from the substrate or mixture

Fire Incompatibility	▶ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result
-----------------------------	--

Special protective equipment and precautions for fire-fighters

Fire Fighting	▶ Alert Fire Department and tell them location and nature of hazard. Special protective actions for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Fire/Explosion Hazard	Specific hazards arising from the chemical Thermal decomposition can lead to release of toxic/corrosive gases and vapors. Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Hazardous combustion products: Carbon monoxide. Carbon dioxide (CO2). Hydrogen cyanide.

SECTION 6 Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment. Ensure adequate ventilation, especially in confined areas. Do not get in eyes, on skin, or on clothing.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not allow to enter into soil/subsoil. Dispose of material with no release to water. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Spills	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth,
---------------	--

Continued...

Light Pen

diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Use personal protective equipment as required. Flush area with flooding quantities of water. Polymerization can occur. Allow material to fully cure. Excess material should be mechanically scraped and disposed of in designated waste containers. Prevent product from entering drains.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling	Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Reacts with water. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. ‣ DO NOT allow clothing wet with material to stay in contact with skin
Other information	‣ Store below 38 deg. C. ‣ Store in original containers. ‣ Keep containers securely sealed.

Conditions for safe storage, including any incompatibilities

Suitable container	Keep container tightly closed in a cool, well-ventilated place. Keep/store only in original container. Keep out of reach of children. Protect from direct contact with water or excessive moisture. Reacts with water. Keep from freezing.
Storage incompatibility	For cyanoacrylates: ‣ Avoid contact with acids, bases, amines. ‣ Avoid contact with clothes, fabric, rags (especially cotton and wool) rubber or paper; contact may cause polymerisation. ‣ Segregate from alcohol, water. ‣ Avoid reaction with oxidising agents

SECTION 8 Exposure controls / personal protection


Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Exposure controls

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
Personal protection	
Eye and face protection	‣ Safety glasses with side shields. ‣ Chemical goggles.
Skin protection	See Hand protection below
Hands/feet protection	‣ Wear chemical protective gloves, e.g. PVC. ‣ Wear safety footwear or safety gumboots, e.g. Rubber The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. ‣ Polyethylene gloves Avoid contact with moisture.
Body protection	See Other protection below
Other protection	‣ Overalls. ‣ P.V.C apron.

Respiratory protection

Type A Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Continued...

Light Pen

Appearance	Clear Liquid		
Physical state	Liquid	Relative density (Water = 1)	1.10-1.20
Odor	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	123
pH (as supplied)	Not Available	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	209	Molecular weight (g/mol)	Not Available
Flash point (°C)	123		
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	23

SECTION 10 Stability and reactivity

Reactivity	Product cures with moisture.
Chemical stability	Polymerization can occur. Do not expose to temperatures exceeding 25 °C/77 °F.
Possibility of hazardous reactions	Exothermic reaction with. Water. Amines. Alcohols. Hazardous polymerization: Hazardous polymerization may occur.
Conditions to avoid	Keep from any possible contact with water. Reacts with water.
Incompatible materials	Exothermic reaction with. Water. Strong oxidizing agents. Alkali. Amines.
Hazardous decomposition products	None under normal use conditions.

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled	Based on available data, the classification criteria are not met.
Ingestion	Based on available data, the classification criteria are not met.
Skin Contact	Bonds skin and eyes in seconds.
Eye	Bonds skin and eyes in seconds.
Chronic	Symptoms No information available. Skin corrosion/irritation No information available. Serious eye damage/eye irritation No information available. Irritation No information available. Corrosivity No information available. Sensitization No information available. Germ cell mutagenicity No information available. Reproductive toxicity No information available. Developmental toxicity No information available. Teratogenicity No information available. STOT - single exposure No information available. STOT - repeated exposure No information available. Chronic Toxicity No information available. Target organ effects Skin, Eyes. Aspiration hazard Not applicable. Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP at or above 0.1 wt%.

SECTION 12 Ecological information

Toxicity

Persistence and degradability

Continued...

Light Pen

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Data available for all ingredients	No Data available for all ingredients

Bioaccumulative potential

Ingredient	Bioaccumulation
	No Data available for all ingredients

Mobility in soil

Ingredient	Mobility
	No Data available for all ingredients

SECTION 13 Disposal considerations

Waste treatment methods

Product / Packaging disposal	Disposal of Wastes It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Cured material can be disposed of via incineration or landfill. Uncured material should be disposed of via incineration. Dispose of material with no release to water. Contaminated packaging Dispose of in accordance with federal, state and local regulations
------------------------------	---

SECTION 14 Transport information

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR):

UN number UN3334
Proper Shipping Name Aviation regulated liquid, n.o.s.
Transport hazard class(es) 9
Packing group III
ERG Code 9A
Special Provisions A27
Description UN3334, Aviation regulated liquid, n.o.s.(2-Propenoic acid, 2-cyano-, 2-methoxyethyl ester), 9, III

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Not Applicable

SECTION 15 Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture

methoxyethyl cyanoacrylate is found on the following regulatory lists	
US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory	US TSCA Chemical Substance Inventory - Interim List of Active Substances

Federal Regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 hazard categories	
Flammable (Gases, Aerosols, Liquids, or Solids)	No
Gas under pressure	No
Explosive	No
Self-heating	No
Pyrophoric (Liquid or Solid)	No
Pyrophoric Gas	No
Corrosive to metal	No
Oxidizer (Liquid, Solid or Gas)	No
Organic Peroxide	No
Self-reactive	No
In contact with water emits flammable gas	No
Combustible Dust	No
Carcinogenicity	No
Acute toxicity (any route of exposure)	No
Reproductive toxicity	No
Skin Corrosion or Irritation	No

Light Pen

Respiratory or Skin Sensitization	No
Serious eye damage or eye irritation	No
Specific target organ toxicity (single or repeated exposure)	No
Aspiration Hazard	No
Germ cell mutagenicity	No
Simple Asphyxiant	No
Hazards Not Otherwise Classified	No

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

None Reported

State Regulations**US. California Proposition 65**

None Reported

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (methoxyethyl cyanoacrylate)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	No (methoxyethyl cyanoacrylate)
Korea - KECI	No (methoxyethyl cyanoacrylate)
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (methoxyethyl cyanoacrylate)
Vietnam - NCI	Yes
Russia - FBEPH	No (methoxyethyl cyanoacrylate)

SECTION 16 Other information

Revision Date	05/26/2021
Initial Date	05/25/2021

SDS Version Summary

Version	Date of Update	Sections Updated
0.0.3.1	05/10/2021	Regulation Change
0.0.4.1	05/24/2021	Regulation Change

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.