

Instant Glue C-Bond Platinum Thin; Thick

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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SECTION 1: Identification

1.1. Identification

Product form : Substance
Product name : Instant Glue C-Bond Platinum Thin;Thick
Product code : IG-PT, IG-P

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Metals, Rubber and plastics ceramic bonding. Bonding surface insensitive material like wood, leather, rubber, plastics, and metal. Bonding Hard/Soft plastics and rubber, metal, ceramic and glass.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Chemical Engineering Canada Corporation
3110-580 Seaborne Ave
Port Coquitlam BC, V3B 0M3 - Canada
T 6044572000
info@ceccorp.ca

Distributor

Add the name, address and tel. number of the US manufacturer or importer who operates in the US

1.4. Emergency telephone number

Emergency number : 6043494141 (9 AM - 5 PM PST)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Flammable liquid level 4, skin allergic material level 1, specific target organ system toxic substances ~ single exposure level 3

Carc. 2 Carcinogen, Class 2

Eye Dam. 1 Seriously damaging/irritating eye substance, Class 1

Eye Irrit. 2 Seriously damaging/irritating eye substance, Class 2

Muta. 2 Germ cell mutagenic substances, level 2

Skin Irrit. 2 Skin corrosion/irritation level 2

Skin Sens. 1 Skin Sensitization, Level 1

STOT SE 3 Specific Target Organ Toxicant (Single Exposure) Level 3

H302 Harmful if swallowed

H315 Cause skin irritation

H317 May cause skin irritation

H318 Cause serious eye damage

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H341 Suspected genetic defect

H351 Suspected of causing cancer

H400 Very toxic to aquatic life

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EUH202	Cyanoacrylate, DANGEROUS! Sticks instantly to skin and eyelids and keeps out of reach of children.
EUH208	Contains HYDROQUINONE(123-31-9). May cause an allergic reaction.

2.2. Label elements

GHS labeling

Hazard pictograms (GHS)



Warning word [CLP]:	Warn
Hazardous ingredients:	Ethyl 2-cyanoacrylate Ethyl cyanoacrylate
Hazard Warning Message [CLP]:	H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Hazard Precautions (Prevention) [CLP]:	P261 - Avoid breathing dust/fume/gas/mist/vapour/spray. P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves and eye/face protection.
Hazard Precautions (Contingency) [CLP]:	P302+P352 - IF ON SKIN: Wash with plenty of water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if you have them and are easily accessible. Continue cleaning. P312 - If you feel unwell, call a poison control center or doctor. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists, seek medical advice/attention. P362+P364 - Remove contaminated clothing and wash before use.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%
2-methoxyethyl cyanoacrylate	(CAS-No.) 27816-23-5	>80%

Comments : *Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Do not breathe vapor. Evacuate to avoid further exposure. If there is a coma, seek medical assistance immediately and notify the doctor. If breathing has stopped, give artificial respiration. If breathing is difficult, breathe with pure oxygen.
- First-aid measures after skin contact : Immediately wash the affected part of the body thoroughly with water and soap. Seek medical attention and show this data sheet..
- First-aid measures after eye contact : If contact with eyes, rinse with plenty of water and go to a doctor.
- First-aid measures after ingestion : Ensure that the breathing channels are not blocked. The product will immediately polymerize in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth.
- Protection of emergency personnel : First aid should be carried out in a safe area with C-level protective equipment.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after inhalation : Inhalation may cause allergy or asthma symptoms or breathing difficulties
- Symptoms/effects after skin contact : Redness, swelling and inflammation.
- Symptoms/effects after eye contact : Redness and swelling, conjunctivitis.
- Symptoms/effects on Respiratory system : Irritation, cough, shortness of breath, chest tightness.

4.3. Tips for Physicians

In the case of lung irritation: use adrenal cortex spray for preliminary treatment. Such as Auxilison spray, Pulmicort repellent spray Agent. (Auxilison and Pulmicort are registered trademarks).

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use a water jet.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : 1. Flammable 2. When exposed to high temperature or flame, it has a slight fire hazard. 3. Heating may cause expansion or decomposition, which may cause the container to burst 4. Burning may release toxic carbon monoxide fumes. 5. May produce irritating fumes and corrosive fumes. 6. Droplets containing combustible substances may be explosive.
- Special firefighting procedures : 1. Notify the fire brigade, and inform the location and characteristics of the hazardous substances. 2. Wear a full set of protective clothing and respiratory protection. 3. Try to avoid leakage and flow into rivers or waterways. 4. Use appropriate fire extinguishing measures for the surrounding area. 5. Spray a large amount of water mist. Control the fire and cool the adjacent area. 6. Avoid spraying water into the pool. 7. Spray water mist from the protected area to cool the container exposed to the fire site. 8. Move the container away from the fire site under safe conditions. 9. If there is anything in the fire site. If a large container is on fire, it is recommended to be 100 meters away from all directions.

5.3. Advice for firefighters

- Protection during firefighting : In the event of a fire and/or explosion, do not breathe fumes. Fire fighters must wear positive pressure self contained breathing apparatus (SCBA). In the combustion effect and smoldering gas conditions, rescue and cleaning work of firefighters can only be carried out with breathing apparatus. Dispose of contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges.

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6.1.1. For non-emergency personnel

Use personal protective clothing.

6.1.2. For emergency responders

Ensure adequate ventilation. Avoid contact with eyes or skin.

6.2. Environmental precautions

If leakage occurs, shut off the flow. If there is no risk of anti-blocking measures, then solve the leakage. Prevent it from penetrating into the surface and groundwater, as well as ground penetration. Prevent it from entering the drainage system. In case of accidental entry into the drainage system, notify the competent authority.

6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in a suitable container. Do not flush into surface water or the sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Do not use cloth for cleaning. It can be rinsed with water to complete the polymerization, and then the polymer is scraped off. The solid polymer can be disposed of as non-hazardous waste.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Recommendation: Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Wash thoroughly after operation. Avoid contact with cloth and paper products. These contacts may cause polymerization, which in turn generates smoke and strong irritating gasses, and may cause burns.

Hygiene measures : General occupational hygiene advice: wash hands and face before eating.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, well-ventilated place, away from heat, sparks and open flames. Keep the container tightly closed until you are ready to use it. Incompatible products: Do not store with alkaline substances.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-methoxyethyl cyanoacrylate (27816-23-5)

ACGIH	TWA (ppm)	0.2 ppm (Cyanoacrylates)
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8.2. Exposure controls

Appropriate engineering controls : None required under normal conditions of use. In confined areas, a local mechanical exhaust system is recommended.

Personal Protective Equipment : Use good industrial hygiene. Avoid contact with skin and eyes. Wear overalls, nitrile rubber gloves and safety glasses with side shields. Do not use PVC, nylon or cotton gloves. Use with adequate ventilation. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Clear, colorless to straw liquid.
Solubility : Not miscible with water (soluble in acetone)
Flash point (PMCC) : 80°C - 93°
Odor : Sharp, characteristic
Specific gravity: : 1.10 @ 20qC
VOC content : <2% (estimated)

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

The product is chemically stable under the conditions of storage and processing

10.3. Possibility of hazardous reactions under special conditions

No hazardous decomposition

10.4. Conditions to avoid

1. Avoid being polluted by oxidizers (such as nitrates, oxidizing acids, chlorine containing bleach, etc.) to avoid fires. 2. No Compatible substances will make this substance unstable.

10.5. Incompatible materials

Water, amines, alkalis, oxidants and alcohols.

10.6. Hazardous decomposition products

Combustion products include carbon monoxide and carbon dioxide, and nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxic Substances (Swallow)	Not classified
Acute Toxic Substances (Skin)	Not classified
Acute Toxic Substances (Inhalation)	Not classified
Corrosive/irritating skin	Cause skin irritation
Serious eye damage/irritation	Causes serious eye irritation
Respiratory or skin allergies	May cause respiratory irritation
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	May cause respiratory irritation
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration Hazard	Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology (General)	Not considered harmful to aquatic life, nor does it cause long-term adverse effects on the environment.
Aquatic toxicity (acute)	Not classified
Aquatic toxicity (chronic)	Not classified

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12.2. Persistence and degradability

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Persistence and degradability	No further information is available.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No further information is available
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12.4. Mobility in soil

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Mobility in soil	No further information is available
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12.5. PBT and vPvB assessment results

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PBT and vPvB assessment results	No further information is available
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12.6. Other adverse effects

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Other adverse effects	No further information is available
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional information : Handle empty containers with care because residual vapors are flammable.

SECTION 14: Transport information

	Land transportation ADR/RID	International maritime transport IMDG	International air transport IATA
14.1 UN number:	3334	3334	3334
14.2 UN shipping name:	Non-Dangerous Goods	Non-Dangerous Goods	AVIATION REGULATED LIQUID, N.O.S. (Cyanoacrylate ester)
14.3 Transport hazard classification:	/	9	9
14.4 Packing category:	NO	NO	III
14.5 Environmental Hazard	Harmful to the environment : No	Harmful to the environment : No	Harmful to the environment : No
14.6 Special shipping methods and precautions:	/	/	/

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SECTION 15: Regulatory information

15.1. EU Regulations

Does not contain any REACH Annex XVII restricted substances
Does not contain any REACH Candidate List substances
Does not contain any substances listed in REACH Annex XIV

15.2. Domestic Regulations

No further information

15.3. Chemical Safety Assessment

No chemical safety assessment

SECTION 16: Other information

Aquatic Acute 1 : Hazardous substances for the aquatic environment: acute toxicity, class 1

Revision date : 09/14/2022

Other information : None.

Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



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