

SAFETY DATA SHEET

Section 1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name: GU-PLAST Instant Adhesive
Product Code: 9-38969-00-0-0 (Unit)
9-C9019-20-0-0 (Box of 20)

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

Recommended Use(s): Cyanoacrylate adhesive

Details of the supplier of the safety data sheet

Manufacturer: Ferco Architectural Hardware Inc
2000 Rue Berlier
Laval Quebec H7L 4S4
Canada
Url: <http://www.ferco.ca>
Contact: **General:** 450-973-1437

Section 2. Hazards identification

Classification of the substance or mixture

GHS Classification for mixture:

Specific target organ toxicity - single exposure - Category 3 (Respiratory)
Serious eye irritation - Category 2
Skin irritation - Category 2

Label elements

Pictograms:



Signal Words:

Warning

Hazard Statements:

Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

Precautionary Statements:

Prevention

Keep container tightly closed.
Avoid breathing vapors, spray.
Wash exposed area thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves, protective clothing, eye protection.

Response

Call a doctor if you feel unwell.
 If skin irritation occurs: Get medical advice.
 If eye irritation persists: Get medical advice.
 IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes.
 IF ON SKIN: Wash with plenty of water.
 Take off contaminated clothing. And wash it before reuse.

Storage

Store in a well-ventilated place.
 Store locked up.

Disposal

Dispose of contents to an approved waste disposal plant. Dispose of contents an approved waste disposal plant.

Other hazards

No available data for this section.

Section 3. Composition/information on ingredients

Substances

No available data for this section.

Mixtures

Identifiers	Ingredients	Percentage	Classification
7085-85-0	Ethyl-2-cyanoacrylate	80% to 100%	STOT SE 3, Flam. Liq. 4, Skin Irr. 2, Eye Irr. 2A

Section 4. First-Aid Measures

Description of First Aid Measures

In the event of splashes or contact with eyes

Wash eyes with plenty of water. Hold eyelids open to ensure adequate flushing. Remove the contact lenses if worn and easy to do that. Continue rinsing. Seek medical attention if irritation, redness, or any other symptom develops.

In the event of splashes or contact with skin

If redness or other symptoms occur, seek medical advice / attention. Take off all contaminated clothing and wash it before reuse. Wash contaminated areas thoroughly with water.

In the event of ingestion

If the exposed person is drowsy or unconscious, do not give anything by mouth. Rinse the mouth with water. If after ingestion you feel unwell, seek medical advice.

In the event of inhalation

Remove person to fresh air and keep at rest in a position comfortable for breathing. Loosen tight clothing such as a collar, tie, belt, or waistband. If the exposed person is not breathing, provide artificial respiration. If spontaneous vomiting occurs, lean the exposed person forward to reduce the risk of aspiration. If after inhalation you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed

Eye contact: Watering.

Skin contact: Irritation. Dermatitis. Allergic reaction. Sensitisation.

Inhalation: Respiratory distress. Coughing. Headaches.

Indication of any immediate medical attention and special treatment needed

No available data for this section.

Section 5. Firefighting Measures

Extinguishing media

Suitable Extinguishing Media

The suggested appropriate media: Alcohol-resistant foam. Carbon dioxide. Powder ABC. Water spray.

Unsuitable Extinguishing Media

High power water jets.

Special hazards arising from the substance or mixture

Specific Hazards Arising from Combustion of Products

Fire / decomposition hazards: Gas, vapors, or dust are irritating to skin and eyes. Gas, vapors, or dust may cause respiratory irritation.

Combustion Products

Hydrogen cyanide. Oxides of carbon (CO_x). Oxides of nitrogen (NO_x).

Advice for firefighters

Protective Measures for Fire-Fighting

Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Special Protective Actions for Fire-Fighters

Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Do not allow run-off from fire fighting to enter drains or water courses. Isolate hazard area and deny entry. Evacuate the people from the area.

Other Information for Fire Fighters

No available data for this section.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Ventilate area of leak or spill. Wear self-contained breathing apparatus or airline. Eliminate all sources of heat and ignition. Ventilate spill area.

Environmental precautions

Dispose of the material in accordance with government regulations. Do not discharge into drains or any body of water (rivers, streams, ponds, lakes, etc). Notify the competent local authorities of any large scale spill. Prevent contamination of soil and surface water. Prevent entry into basements or confined areas.

Methods and material for containment and cleaning up

Absorb with earth, sand, or other non-combustible material.

Reference to other sections

No available data for this section.

Section 7. Handling and Storage

Precautions for safe handling

Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Ensure there is sufficient ventilation of the area. Handle in accordance with all current regulations and standards. Handle in accordance with good industrial hygiene and safety practice. Wash Hands thoroughly after handling. Wear protective goggles to prevent contact with eyes.

Conditions for safe storage, including any incompatibilities

Conditions for Safe Storage

Keep away from: Direct sunlight. Heat.

Keep container tightly closed. Store only in well-ventilated areas. Not to be stored gangways or stair wells. Keep container closed when not in use. Store locked up. Store in a cool and dry area.

Suitable Packaging

No available data for this section.

Incompatible Materials

Alkalis. Acids. Oxidizing agents.

Specific end use(s)

No available data for this section.

Section 8. Exposure Controls / Personal Protection

Control parameters

Control Parameters / Limits for Product

No available data for this section.

Control Parameters / Limits for Component

Ethyl-2-cyanoacrylate

WEL-STEL

0.3 ppm.

1.5 mg/m³.

Exposure controls

Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Protection

Certified self-contained breathing apparatus must be available in case of emergency. Respiratory protection is required if the concentrations exceed the TLV.

Eye/Face Protection

Wear chemical goggles or face shield.

Skin and Body Protection

Wear appropriate chemical resistant clothing.

Hand Protection

Compatible Gloves Material: Nitrile. Protective Viton / fluoroelastomer.

Ensure gloves are certified. Wear impermeable gloves.

Hygiene Measures

Contaminated work clothing should not be allowed out of the workplace. Use in accordance with good hygiene and safety practice. Wash Hands thoroughly after handling.

Environmental exposure controls

No available data for this section.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Clear, Colorless
Odor	Penetrating, Characteristic
Odor threshold	Not available
pH	Not available
Melting point	Not available
Boiling point	Greater than 149°C / 300.2°F
Flash Point	-87°C / -124.6°F
Evaporation rate	Not available
Flammability	Not available
Flammability limit	Not available
Vapor pressure	Lesser than 0.2 mmHg at 25°C
Vapor density	heavier than air 3x heavier than air
Relative density	Not available
Solubility	Insoluble
Solubility in other solvents	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Freezing point	Not available
Evaporation rate w/r/t ether	Not available
Evaporation rate w/r/t butyl acetate	Not available
Relative density w/r/t water	1.05 at 25°C
Relative density w/r/t air	Not available

Other Information

No available data for this section.

Section 10. Chemical Stability & Reactivity Information

Reactivity

Reacts violently with water.

Chemical Stability

This product is stable under ambient condition.

Possibility of Hazardous Reactions

Polymerisation possible.

Conditions to Avoid

Keep away from: Heat. Open flame. Sparks. Static electricity. Fire. Humidity. Moisture.

Incompatible Materials

Avoid contact or storage with: Alcohols. Alkalis. Amines. Strong acids. Strong bases.

Water. Oxidizing agents.

Hazardous Decomposition Products

No available data for this section.

Section 11. Toxicological Information

Information on toxicological effects

Toxicological Information for Product

Specific target organ toxicity: Category 3 (respiratory).

Toxicological Information for Component

Ethyl-2-cyanoacrylate

LD50 Dermal Greater than 2000 mg/kg.

LD50 Oral Greater than 5000 mg/kg.

Irritation/Corrosion Information for Product

No available data for this section.

Irritation/Corrosion Information for Component

Ethyl-2-cyanoacrylate

Eye contact: Irritating to eyes - 72h.

Skin contact: Mild skin irritation - 24h.

Section 12. Ecological Information

Toxicity

Ecotoxicity Values for Product

No available data for this section.

Ecotoxicity Values for Component

No available data for this section.

Persistence and degradability

No available data for this section.

Bioaccumulative potential

Bioaccumulative Potential for Product

No available data for this section.

Bioaccumulative Potential for Component

No available data for this section.

Mobility in soil

No available data for this section.

Results of PBT and vPvB assessment

No available data for this section.

Other adverse effects

No available data for this section.

Section 13. Disposal Considerations

Waste treatment methods

Waste Disposal Regulation(s) / Operation

Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of national pollutant discharge elimination systems. Users need to pay attention to the possible existence of regional or national regulations regarding disposal.

Waste Treatment Methods

No available data for this section.

Section 14. Transportation Information

	ADR	IMDG	IATA	DOT
UN number	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
UN proper shipping name	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Transport hazard class(es)	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Packing group	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Environmental hazards	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Special precautions for user	No available data for this section.			
Transport in bulk according to Annex II of Marpol and the IBC Code	No available data for this section.			
Other	This product is not regulated for transport			

Section 15. Regulatory Information

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

Safety, Health and Environmental Regulations for Product

No available data for this section.

Safety, Health and Environmental Regulations for Component

Ethyl-2-cyanoacrylate

SARA 311/312:

Fire hazard.
Acute health hazard.
Chronic health hazard.
Pennsylvania.
New Jersey.

Section 16. Other Information

Other Information

No available data for this section.

Glossary

ACGIH: American Conference of Governmental Industrial Hygienists.

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

BCF: Bioconcentration factor.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labelling #and Packaging of substances and mixtures.

CMR: Carcinogenic, mutagenic, reproductive toxin.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

IATA: International Air Transport Association.

LC50: Lethal Concentration which is lethal to 50% of the population.

LD50: Lethal Dose which is lethal to 50% of the population.

NIOSH: National Institute of Occupational Safety and Health.

TWA: Time Weighted Average.

WEL: Workplace Exposure Limit - Germany.

ppm: Parts per million.

Authored by:



Verified and approved by:

