

# SAFETY DATA SHEET

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

### Product identifier

**Product Name:** COSMO CA-500.110 (COSMOPLAST 500 - CA ADHESIVE)

**Product Code:** 9-C9002-00-0-0 (Unit)  
9-C9002-20-0-0 (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 fume, gas, mist, spray, vapors.  
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 POISON CENTER, doctor if you feel unwell.  
 If skin irritation occurs: Get medical attention / advice.  
 If eye irritation persists: Get medical attention / advice.  
 Specific treatment (see None on this label).  
 If eye irritation persists: seek medical attention.  
 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.  
 Take off contaminated clothing. And wash it before reuse.

**Storage**

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

**Disposal**

Dispose of contents in accordance with all local, regional, national and international regulation .

**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. Immediately seek medical attention.

**In the event of splashes or contact with skin**

Wash contaminated areas thoroughly with water. Take off all contaminated clothing and wash it before reuse. If redness or other symptoms occur, seek medical advice / attention. Do not attempt to force glued areas of skin apart.

**In the event of ingestion**

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

**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:** Dermatitis. Allergic reaction.

**Inhalation:** Coughing. Headaches. Respiratory distress. Sensitisation.

## Indication of any immediate medical attention and special treatment needed

in case of irritation of the lungs, perform first-aid with controlled-dosage aerosol dexamethasone.

## 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<sub>x</sub>). Oxides of nitrogen (NO<sub>x</sub>). Toxic gases.

### 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

Always stay away from tanks engulfed in fire. Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Immediately evacuate people from the area. Isolate hazard area and deny entry.

#### 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. Evacuate the people from the area. Isolate and restrict access to area until completion of cleanup. Ventilate area of leak or spill. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus or airline.

### Environmental precautions

Do not discharge into drains or any body of water (rivers, streams, ponds, lakes, etc). If the product has entered a water course or sewer or contaminated soil or vegetation, advise the local emergency services and environmental authorities. Notify the competent local authorities of any large scale spill. Prevent contamination of soil and surface water. Prevent entry into basements or confined areas. Dike area to prevent runoff and contamination of water sources. Dispose of the material in accordance with government regulations.

### Methods and material for containment and cleaning up

Collect and transfer to a closable container without splash or generating dust / mist for disposal by an appropriate method. Ensure cleanup is conducted by trained personnel only. Move containers from spill area if there is no risk. Stop leak if safe to do so. Turn leaking containers leak-side up to prevent the escape of liquid. 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 being exposed to gas / mist / dust / fume / vapor / spray / particles. Do not eat, drink or smoke during handling. Do not handle in a confined space. 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 any exposed area of body thoroughly after handling. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

#### Conditions for Safe Storage

**Keep away from:** Direct sunlight. Heat.

Keep container closed when not in use. Store in a cool, well ventilated area. Keep container tightly closed. Store locked up. Store only in well-ventilated areas.

#### Suitable Packaging

Store in original container / packaging.

#### Incompatible Materials

Alkalis. Acids. Oxidizing agents.

### Specific end use(s)

Adhesive.

## 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/m<sup>3</sup>.

### Exposure controls

#### Engineering Measures

Provide adequate general and local exhaust ventilation.

#### Respiratory Protection

Not obliged if the below the occupational health thresholds.

#### Eye/Face Protection

Wear splash resistant safety goggles with a face shield.

#### Skin and Body Protection

Wear appropriate chemical resistant clothing.

#### Hand Protection

**Unsuitable material:** Cotton gloves. PVC gloves.

**Compatible Gloves Material:** Nitrile.

Ensure gloves are certified. Wear impermeable gloves. Protective hand cream recommended.

### Hygiene Measures

Contaminated work clothing should not be allowed out of the workplace. Keep away from food or drink. 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	Not available
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 20°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:** Direct sunlight. Fire. Heat. Open flame. Sparks. Static electricity. Humidity.

### Incompatible Materials

**Avoid contact or storage with:** Alcohols. Water. Acids. Bases. Amines.

Oxidizing agents.

### Hazardous Decomposition Products

This product is stable under normal storage condition.

## Section 11. Toxicological Information

### Information on toxicological effects

#### Toxicological Information for Product

No available data for this section.

#### 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

RCRA: Not a RCRA substance.

Suitable disposal methods: Incineration plant. Suitable refuse site.

Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment. 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.

**Right to know:**

Pennsylvania.  
New Jersey.

### Chemical safety assessment

No available data for this section.

## Section 16. Other Information

### Other Information

No available data for this section.

### Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product

### 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: