



## SAFETY DATA SHEET

*This Safety Data Sheet complies with the Canadian Controlled Product Regulations, the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910 (OSHA HCS) and the European Union Directives.*

### 1. Product and Supplier Identification

- 1.1 **Product:** Nail Glue
- 1.2 **Product Use:** Adhesive
- 1.3 **Producer:** Haigh Industries Inc.,  
#5 – 8118 North Fraser Way,  
Burnaby, B.C.  
Canada, V5J 0E5  
Telephone: (604) 278-5851
- Supplier:** As above
- 1.4 **Emergencies (24-hour number):** CHEMTEL 1-813-248-0573

### 2. Hazards Identification

2.1 **Classification of product or mixture**

Note to reader: This product in an untested mixture and GHS classification is based on the classification of the ingredients and their concentrations. Proprietary ingredients do NOT exhibit any health effects not listed in this SDS.

**GHS Classification:**

- Skin Irritation: Category 2
- Eye Irritation: Category 2A
- Skin Sensitization: Category 1
- Target Organ Toxicity (Single Exposure): Category 3
- Flammable Liquids: Category 4

2.2 **GHS Label Elements, including precautionary statements**

**Pictogram:**



**Signal Word:** Warning

**GHS Hazard Statements:**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H227 Combustible liquid

**GHS Precautionary Statements:**

**Prevention:**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
 P264 Wash skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304+P340 IF INHALED: Remove to fresh air and keep in a rest position comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P362 Take off contaminated clothing and wash it before reuse.  
 P370 Incase of fire: Use dry chemical, foam or carbon dioxide to extinguish

**Storage:**

P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: None

### 3. Composition

3.1 Mixture composition

Component	CAS No.	EINECS No.	% (w/w)	GHS Classification
Ethyl Cyanoacrylate	7085-85-0	230-391-5	85-100	Skin Irritant (Category 2): H315 Skin Sensitizer (Category 1): H317 Eye Irritation (Category 2A): H319 Target Organ Toxicity (Single Exposure): Category 3: H335 Flammable Liquids: Category 4: H227

### 4. First Aid Measures

4.1 Description of First Aid Measures

**In case of eye contact:** Immediately flush eyes with plenty of water for at least 15 mins. Get immediate medical attention.

**In case of skin contact:** Wash with soap and water. Peel or roll skin apart.

**If inhalation:** Remove to fresh air. Prolonged or repeated elevated exposure may cause allergic reaction symptoms in sensitive individuals.

**If ingestion:** Peel or roll skin apart. Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

4.2 Most important symptoms and effects, both acute and delayed

**Effects of Short-Term (Acute) Exposure:**

**Inhalation:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**Skin Contact:** Bonds to skin in seconds. May cause skin irritation. May cause sensitization by skin contact. Cyanoacrylates generate heat on polymerization, so very large amounts will burn the skin.

**Eye Contact:** Causes serious eye irritation. Will bond eyelids. Will cause excessive tearing.

**Ingestion:** Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

**Effects of Long-Term (Chronic) Exposure:** Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

**Medical Conditions Aggravated By Exposure:** Persons susceptible to skin problems may find that the use of this product will cause increased symptoms of existing skin problems.

**Acute Toxicity:** Avoid exposure to vapour concentration in confined areas.

## 5. Fire Fighting Measures

### 5.1 Extinguishing Media

**Suitable extinguishing media:** Dry chemical or flush with large amounts of water.

### 5.2 Special hazards arising from mixture:

Combustible liquid and vapour. Product polymerized to solid by water.

### 5.3 Advice for firefighters:

Evacuate area and fight fire from a safe distance. As in any fire, wear self-contained breathing apparatus pressure-demand. (MSHA/NIOSH approved or equivalent) and full protective gear.

### 5.4 Further Information:

**Sensitivity to Impact:** No

**Sensitivity to Static Discharge:** No

### 5.5 Hazardous decomposition products:

Combustible by-products of carbon monoxide/dioxide.

## 6. Accidental Release Measures

### 6.1 Environmental precautions

Ensure that any release of this material is contained to prevent leakage into waterways and sanitary sewers.

### 6.2 Methods and materials for containment and cleanup

**Large Spills:** Polymerize with water. Increase ventilation to area. Solid material may be scraped from surface.

**Small Spills:** Polymerize with water. Solid material may be scraped from surface.

### 6.3 Reference to other sections

For disposal, see section 13

## 7. Handling and Storage

### 7.1 Precautions for safe handling

**Handling Procedures:** Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing (dust, vapour, mist, gas). Avoid contact with skin, eyes and clothing. Keep container closed when not in use.

**7.2 Conditions for safe storage, including incompatibilities**

**Storage:** Store in a cool place in original container and protect from sunlight. Keep away from sources of ignition. Ideal storage: 5-10 °C

**7.3 Specific end use(s)**

No other uses except those mentioned in Section 1.2

## 8. Exposure Controls/Personal Protection

**8.1 Control parameters**

**Components with workplace control parameters**

Component	Exposure Limits	Basis
Ethyl Cyanoacrylate	Not Listed	OSHA
CAS No. 7085-85-0	0.2 ppm (1.0 mg/m <sup>3</sup> )	ACGIH TLV
EINECS No. 230-391-5	0.2 ppm	Supplier OEL

**8.2 Exposure controls**

**Engineering Controls:** Use only in a well ventilated area. Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during use of this product.

**Respiratory Protection:** Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment. Recommended: Full-face NIOSH-approved respirator with organic vapour cartridge.

**Skin protection:** Use nitrile gloves and aprons to prevent contact. Do not use PVC, nylon or cotton materials.

**Eye and Face Protection:** For normal conditions wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**Footwear:** No specific recommendation.

**Other:** Emergency eye wash fountains should be available in vicinity of use.

**Work Hygienic Practices:** Avoid direct contact and breathing vapour. Use with adequate ventilation. Wash hands with soap and water after use.

## 9. Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	Liquid
<b>Odour:</b>	Characteristic odour, intensely irritating
<b>Odour Threshold:</b>	1 ppm
<b>pH:</b>	Not applicable
<b>Melting Point/Freezing Point:</b>	Not determined
<b>Initial Boiling Point:</b>	>149 °C
<b>Flash Point:</b>	80-93.4 °C (TAG CC)
<b>Evaporation Rate:</b>	Not established
<b>Upper Explosion Limit:</b>	No data
<b>Lower Explosion Limit:</b>	No data
<b>Vapour Pressure:</b>	< 0.2 mm Hg
<b>Vapour Density:</b>	No data
<b>Relative Density:</b>	Not available
<b>Solubility:</b>	Insoluble in water
<b>Partition Coefficient:</b>	Not available
<b>Autoignition Temperature:</b>	485 °
<b>Decomposition Temperature:</b>	No data
<b>Viscosity:</b>	25-50 Centipoise at 22°

**Explosive Properties:** Not explosive. Not expected to be sensitive to electrostatic discharge.  
**Oxidizing Properties:** No data

9.2 **Other safety information:** None

## 10. Stability and Reactivity

- 10.1 Reactivity**  
No hazardous polymerization.
- 10.2 Chemical Stability**  
Stable as supplied.
- 10.3 Possibility of hazardous reactions**  
Possible polymerization reaction in the presence of water, amines, alkalis and alcohols.
- 10.4 Conditions to avoid**  
Avoid temperatures above 176 °C, moisture and alkalines.
- 10.5 Incompatible materials**  
Polymerized by water, alcohol, amines, alkaline materials.
- 10.6 Hazardous decomposition products**  
Carbon monoxide, carbon dioxide and other toxic or irritating compounds may form when heated to decomposition. Oxides of nitrogen and probably hydrogen cyanide are also possible.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Note to reader:** We do NOT test our products on animals. In compliance with current SDS preparation requirements, the values listed are published values for generic ingredients with known animal toxicity.

#### Acute toxicity

Component	LD <sub>50</sub>	LC <sub>50</sub>
Ethyl Cyanoacrylate CAS No. 7085-85-0 EINECS No. 230-391-5	>5000 mg/kg (oral/rat) >2000 mg/kg (dermal/rabbit)	N/av

**ABBREVIATION KEY:** N/p: not published, N/d: not determined, N/ap: not applicable, N/av: not available

**Skin corrosion/irritation**

May cause skin irritation, H315, Category 2, Warning

**Serious eye damage/eye irritation**

May cause eye irritation, H319, Category 2A, Warning

**Respiratory or skin sensitization**

May cause skin sensitization, H317, Category 1, Warning.

**Germ cell mutagenicity**

No information available

**Carcinogenicity**

Not known,

**Reproductive toxicity**

Not known.

**Specific Target Organ Toxicity – Single exposure**

Vapours may be irritating. Recommended TWA 0.2 ppm

**Specific Target Organ Toxicity – Repeated exposure**

No information available

**Aspiration Hazard**

No information available

**Additional information**

None

## 12. Ecological Information

**12.1 Toxicity**

This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

## 13. Disposal Considerations

**13.1 Waste treatment methods**

**Product**

Review federal, provincial or state, and local government requirements prior to disposal. Store material for disposal as indicated in Storage Conditions.

**Contaminated packaging**

Dispose as above.

## 14. Transport Information

**Transport of Dangerous Goods (TDG and CLR):** Not regulated

**United States Department of Transport (49CFR):** Not regulated

**International Air Transport Association (IATA):** Not regulated (less than 500 mL). Aviation regulated Liquid, N.O.S. (Ethyl Cyanoacrylate), UN3334, 9.

**International Maritime Organization (IMO):** Not regulated

## 15. Regulatory Information

**CANADIAN FEDERAL REGULATIONS:**

**CEPA, DOMESTIC SUBSTANCES LIST:** Listed

**UNITED STATES – FEDERAL REGULATIONS:**

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All components are listed in the inventory.

**CALIFORNIA Proposition 65, Safe Drinking Water and Toxicity Enforcement Act, 1986:**

No ingredients listed

**SARA 302, 40 CFR 355:** No ingredients listed

**SARA 313, 40 CFR 372:** No ingredients listed

**SARA 311/312, 40 CFR 370:** Immediate (Acute) Health, Delayed (Chronic) Health, Fire, Reactive.

## 16. Other Information

**Original Preparation Date:** May 10, 2022

**Prepared by:** Haigh Industries Inc.,  
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Burnaby, B.C.  
Canada, V5J 0E5

**Disclaimer:** This Safety Data Sheet (SDS) was prepared using information provided by ingredient supplier SDS and other relevant sources. This product has been classified using weight of evidence, expert judgment and previous testing as per Part 1.3 of the Fifth Edition of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and guidance when exposed to this product. Haigh Industries Inc. expressly disclaims all expressed or

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