

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name HDX Super Glue Gel

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Glue

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name Chemence, Inc.

Supplier Address 185 Bluegrass Valley Parkway  
Suite 100  
Alpharetta  
GA  
30005  
US

Supplier Phone Number Phone:7706646624

Supplier Email nburdge@chemence-us.com

### Emergency telephone number

Company Emergency Phone Number 7706646624

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).


Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3



Flammable liquids

Category 4

**GHS Label elements, including precautionary statements****Emergency Overview**

<b>Signal word</b>	<b>Warning</b>		
<b>Hazard Statements</b>			
Causes skin irritation			
Causes serious eye irritation			
May cause respiratory irritation			
Combustible liquid			
			
<b>Appearance</b>	Colorless	<b>Physical state</b>	Gel Liquid
			<b>Odor</b> Irritating

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep cool  
 Wear eye/face protection

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell

**Fire**

In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
 Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

10 % of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%	Trade Secret
Ethyl cyanoacrylate	7085-85-0	60 - 100	*
Supplier Trade Secret	Trade Secret	1 - 5	*
Supplier Trade Secret	Trade Secret	1 - 5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**Skin contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Inhalation**

Remove to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Self-protection of the first aider**

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects**

Burning sensation. Coughing and/ or wheezing.

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

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

### **Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

### **Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

<b>Uniform Fire Code</b>	Combustible Liquid: III-A Irritant: Liquid
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### **Explosion Data**

<b>Sensitivity to Mechanical Impact</b>	None.
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<b>Sensitivity to Static Discharge</b>	None.
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### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material.
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<b>Other Information</b>	Refer to protective measures listed in Sections 7 and 8.
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### **Environmental precautions**

<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Refer to protective measures listed in Sections 7 and 8.
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### **Methods and material for containment and cleaning up**

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.
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<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
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## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

#### **Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

#### **Incompatible Products**

Strong acids. Strong oxidizing agents. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl cyanoacrylate 7085-85-0	TWA: 0.2 ppm	-	
Supplier Trade Secret	STEL: 0.25 ppm	TWA: 5 ppm TWA: 13 mg/m <sup>3</sup> (vacated) TWA: 2 ppm (vacated) TWA: 5 mg/m <sup>3</sup> (vacated) STEL: 5 ppm (vacated) STEL: 15 mg/m <sup>3</sup>	IDLH: 100 ppm TWA: 2 ppm TWA: 5 mg/m <sup>3</sup> STEL: 5 ppm STEL: 13 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

#### **Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

#### **Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

#### **Eye/face protection**

Tight sealing safety goggles.

#### **Skin and body protection**

Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

#### **Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.



**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

<b>Physical state</b>	Gel, Liquid	<b>Odor</b>	Irritating
<b>Appearance</b>	Colorless	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

Property	Values	Remarks	Method
pH	UNKNOWN	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	149 °C / 300 °F	None known	
Flash Point	81 C / 178 F	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	1.05	None known	
Water Solubility	Reacts with water	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No data available		
Oxidizing properties	No data available		

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

Strong acids. Strong oxidizing agents. Strong bases.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl cyanoacrylate 7085-85-0	> 5 mL/kg ( Rat )	-	-
Supplier Trade Secret	= 2600 mg/kg ( Rat )	-	-
Supplier Trade Secret	-	-	= 2500 ppm ( Rat ) 1 h

### Information on toxicological effects

#### Symptoms

Erythema (skin redness). May cause redness and tearing of the eyes. Coughing and/ or

wheezing.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret		Group 3	-	-

*IARC (International Agency for Research on Cancer)  
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

**Reproductive toxicity** No information available.

**STOT - single exposure** Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. Detailed substance and/or ingredient information may be provided in other sections of this SDS. Target organs effects listed in this document may result from a single overexposure to this product. Respiratory system.

**STOT - repeated exposure** No information available.

**Target Organ Effects** Respiratory system. Eyes. Skin.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (inhalation-dust/mist)**

50.10 mg/l

**ATEmix (inhalation-vapor)**

300.00 ATEmix

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available

**Other adverse effects**

No information available.



## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes** 281

## 14. TRANSPORT INFORMATION

### DOT

(IF SHIPPED IN NON BULK PACKAGING BY GROUND TRANSPORT) NOT REGULATED

<b>Proper Shipping Name</b>	NON-REGULATED
<b>Hazard Class</b>	N/A
<b>Emergency Response Guide Number</b>	171

### TDG

<b>UN-No.</b>	UN3334
<b>Proper Shipping Name</b>	AVIATION REGULATED LIQUID, N.O.S.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Description</b>	UN3334, AVIATION REGULATED LIQUID, N.O.S. (ETHYL CYANOACRYLATE), 9, III

### MEX

NOT REGULATED

### ICAO

<b>UN-No.</b>	UN3334
<b>Proper Shipping Name</b>	AVIATION REGULATED LIQUID, N.O.S.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Description</b>	UN3334, AVIATION REGULATED LIQUID, N.O.S. (ETHYL CYANOACRYLATE) , 9, III

### IATA

<b>UN-No.</b>	UN3334
<b>Proper Shipping Name</b>	AVIATION REGULATED LIQUID, N.O.S.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Description</b>	UN3334, AVIATION REGULATED LIQUID, N.O.S. (ETHYL CYANOACRYLATE) , 9, III

### IMDG/IMO

<b>Hazard Class</b>	Not regulated
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N/A

### RID

<b>Classification code</b>	NON REGULATED
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M11

### ADR

NON REGULATED



**Classification code** M11

**ADN** NON REGULATED  
**Classification code** M11

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies  
 DSL All components are listed either on the DSL or NDSL.  
 IECSC -

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Supplier Trade Secret		500 lb	

### US State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Supplier Trade Secret -	Developmental

#### **U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethyl cyanoacrylate 7085-85-0	X				
Supplier Trade Secret	X	X	X	X	

### International Regulations



**Mexico****National occupational exposure limits**

Chemical name	Carcinogen Status	Exposure Limits
Supplier Trade Secret		Mexico: TWA 2 ppm Mexico: TWA 5 mg/m <sup>3</sup> Mexico: STEL 5 ppm Mexico: STEL 10 mg/m <sup>3</sup>

*Mexico - Occupational Exposure Limits - Carcinogens*

**Canada****WHMIS Hazard Class**

Not determined

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards</b> 2	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Physical and Chemical Hazards - Personal Protection</b> X
<b>HMIS</b>	<b>Health Hazards</b> 2	<b>Flammability</b> 2	<b>Physical Hazard</b> 0	

**Prepared By** Product Stewardship  
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**Revision Note** No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**