

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form	: Mixture
Trade name	: AlphaChem High Viscosity Super Glue
Product code	: X2GLUE
Type of product	: Builders
Product group	: Blend

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

##### 1.2.1. Relevant identified uses

Main use category	: Professional use, Industrial use
Use of the substance/mixture	: Superglue high viscosity formula can be used as a 2 pack system with PVCu Activator
Use of the substance/mixture	: Adhesives, binding agents
Function or use category	: Adhesives, binding agents

##### 1.2.2. Uses advised against

Restrictions on use	: Adhesives, sealants
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#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Cromar Building Products  
Units 3, 4, 5 Northside Ind Park  
Selby Rd  
DN14 0GH Whitley Bridge - United Kingdom  
T 01977 663133 - F 01977 662186  
[www.cromarbuildingproducts.com](http://www.cromarbuildingproducts.com)

#### 1.4. Emergency telephone number

Emergency number	: 01977 663133 (Business hours only Mon-Fri 9am-5pm)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 3	H301
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Germ cell mutagenicity, Category 2	H341
Carcinogenicity, Category 2	H351
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335
Hazardous to the aquatic environment — Acute Hazard, Category 1	H400
Full text of H statements : see section 16	

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

Signal word (CLP)	: Warning
Hazardous ingredients	: ethyl 2-cyanoacrylate; HYDROQUINONE
Hazard statements (CLP)	: H301 - Toxic if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation. H341 - Suspected of causing genetic defects. H351 - Suspected of causing cancer. H400 - Very toxic to aquatic life.

# AlphaChem High Viscosity Super Glue

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Precautionary statements (CLP)

- : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
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 present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P312 - Call a POISON CENTRE or doctor if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P330 - Rinse mouth.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- : EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.  
EUH208 - Contains HYDROQUINONE(123-31-9). May produce an allergic reaction.

### EUH-statements

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethyl 2-cyanoacrylate	(CAS-No.) 7085-85-0 (EC-No.) 230-391-5 (EC Index-No.) 607-236-00-9	>= 80	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315
HYDROQUINONE	(CAS-No.) 123-31-9 (EC-No.) 204-617-8 (EC Index-No.) 604-005-00-4	<= 1	Carc. 2, H351 Muta. 2, H341 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10)

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
ethyl 2-cyanoacrylate	(CAS-No.) 7085-85-0 (EC-No.) 230-391-5 (EC Index-No.) 607-236-00-9	(C >= 10) STOT SE 3, H335

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : Gently wash with plenty of soap and water. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Do not remove clothing if it sticks to the skin. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Get immediate medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. Obtain emergency medical attention.

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

Symptoms/effects : May cause an allergic skin reaction.  
Symptoms/effects after inhalation : May cause shortness of breath, tightness of the chest, a sore throat and cough.  
Symptoms/effects after skin contact : irritation (itching, redness, blistering). May cause an allergic skin reaction. Burns.  
Symptoms/effects after eye contact : Causes eye irritation. redness, itching, tears.  
Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Harmful if swallowed.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). Water spray.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

### 5.3. Advice for firefighters

Precautionary measures fire : This product is not to be used under conditions of poor ventilation. Keep container closed when not in use.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Absorb spillage to prevent material damage. Evacuate area. Stop leak if safe to do so.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Avoid contact with skin, eyes and clothing. No open flames, no sparks, and no smoking.

#### 6.1.2. For emergency responders

Protective equipment : Self-contained breathing apparatus. Safety glasses.  
Emergency procedures : Cover spill with non combustible material, e.g.: sand/earth. Stop leak if safe to do so. Stop release.

### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses.

### 6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Do not touch or walk on the spilled product.  
Methods for cleaning up : Collect spillage. Absorb spilled material with sand or earth. This material and its container must be disposed of in a safe way, and as per local legislation.

### 6.4. Reference to other sections

For further information refer to section 13. See Heading 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Ensure good ventilation of the work station. Keep only in original container.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ensure adequate ventilation, especially in confined areas. Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep away from ignition sources. Keep container tightly closed. Keep cool. Protect from sunlight. Store in original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

AlphaChem High Viscosity Super Glue		
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup> Hydroquinone
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1.5 mg/m <sup>3</sup> Ethyl-2-Cyanoacrylate

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AlphaChem High Viscosity Super Glue		
United Kingdom	WEL STEL (ppm)	0.3 ppm
ethyl 2-cyanoacrylate (7085-85-0)		
United Kingdom	Local name	Ethyl cyanoacrylate
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1.5 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	0.3 ppm
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

HYDROQUINONE (123-31-9)		
United Kingdom	Local name	Hydroquinone
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Ensure that there is a suitable ventilation system.

Hand protection:					
Nitrile rubber gloves. Protective gloves					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR), Viton® II	3 (> 60 minutes)	0.15 mm		
Eye protection:					
Chemical goggles or safety glasses					
Skin and body protection:					
Long sleeved protective clothing					
Respiratory protection:					
[In case of inadequate ventilation] wear respiratory protection.					
Device	Filter type	Condition	Standard		
Gas filters	Type A - High-boiling (>65 °C) organic compounds				

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, colorless liquid.
Colour	: Colourless.
Odour	: Acrid.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 150
Flash point	: > 85 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0.04 mm Hg @ 25 C
Relative vapour density at 20 °C	: No data available
Relative density	: 1.04
Solubility	: Water: reacts with water Acetone: Soluble

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Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 1500 cP rotational viscometer
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Direct sunlight. Do not allow contact with water. High temperature.

### 10.5. Incompatible materials

Oxidizing agent. Strong bases. Incompatible with water, humid air.

### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Oral: Toxic if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

AlphaChem High Viscosity Super Glue	
LD50 oral rat	> 5000 mg/kg Ethyl-2-Cyanoacrylate
LD50 oral	150 mg/kg Mouse Hydroquinone
LD50 dermal rat	> 2000 mg/kg bodyweight Ethyl-2-Cyanoacrylate
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Suspected of causing genetic defects.
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity	: Very toxic to aquatic life.
Chronic aquatic toxicity	: Not classified

AlphaChem High Viscosity Super Glue	
LC50 fish 1	0.638 mg/l Hydroquinone
EC50 Daphnia 1	0.134 mg/l hydroquinone

### 12.2. Persistence and degradability

#### HYDROQUINONE (123-31-9)

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

#### HYDROQUINONE (123-31-9)

Bioaccumulative potential	Not established.
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### 12.4. Mobility in soil

#### AlphaChem High Viscosity Super Glue

Mobility in soil : Very low due to rapid polymerisation in contact with moisture/water

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
European List of Waste (LoW) code : 08 04 09\* - waste adhesives and sealants containing organic solvents or other dangerous substances

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
3334	3334	3334	3334	3334
<b>14.2. UN proper shipping name</b>				
aviation regulated liquid, n.o.s.	AVIATION REGULATED LIQUID, N.O.S.	Aviation regulated liquid, n.o.s.	aviation regulated liquid, n.o.s.	Aviation regulated liquid, n.o.s.
<b>Transport document description</b>				
UN 3334 aviation regulated liquid, n.o.s., 9, ENVIRONMENTALLY HAZARDOUS	UN 3334 AVIATION REGULATED LIQUID, N.O.S., 9, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 3334 Aviation regulated liquid, n.o.s., 9, III, ENVIRONMENTALLY HAZARDOUS	UN 3334 aviation regulated liquid, n.o.s., 9, ENVIRONMENTALLY HAZARDOUS	UN 3334 Aviation regulated liquid, n.o.s., 9, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>				
9	9	9	9	9
				
<b>14.4. Packing group</b>				
Not applicable	Not applicable	III	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Transport regulations (ADR) : Not subject  
Classification code (ADR) : M11  
EAC code : 2Z

#### Transport by sea

Special provisions (IMDG) : 960  
Stowage category (IMDG) : None  
Properties and observations (IMDG) : Not subject to the provisions of this Code but may be subject to provisions governing the transport of dangerous goods by other modes.

#### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964

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PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 100L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A27
ERG code (IATA)	: 9A

### Inland waterway transport

Classification code (ADN) : M11

### Rail transport

Classification code (RID) : M11

Limited quantities (RID) : 0

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the substance or the mixture by the supplier

## SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
EUH208	Contains HYDROQUINONE(123-31-9). May produce an allergic reaction.

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*