

## Safety Data Sheet

### Mega-Bond Krazi Glue

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

### **1.1. Product Identifier**

**Product Name:** Mega-Bond Krazi Glue

**REACH registered name:** Ethyl-2-cyanoacrylate

**REACH registered number(s):** 01-2119527766-29-XXXX

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

**Uses of substance/mixture:** PC1: Adhesive, sealants

### **1.3. Details of the supplier of the safety data sheet**

**Company Name:** Partwell Group

Bridgeworks, Stanley St, Blackburn

Lancs, BB1 3BW

**Email:** [info@partwell.com](mailto:info@partwell.com)

### **1.4. Emergency telephone number**

**Emergency tel:** 01254 671875

## **Section 2: Hazard Identification**

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

**Classification under CHIP:** Xi: R36/37/38

**Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit 2: H315; - : EUH202  
Most Important adverse effects: Irritating to eye, respiratory system and skin.

### **2.2. Label elements**

**Label elements under CLP:**

**Hazard Statement:** H315: Causes skin irritation

H319: Causes serious eye irritation

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H335: May cause respiratory irritation

EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

**Signal word:** Warning



**Hazard pictograms:** GHS07: Exclamation mark

**Precautionary statements:**

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area

P280: Wear protective gloves/protective clothing/eye protection/face protection

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+351+338: 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 CENTRE or doctor if you feel unwell

**Label elements under CHIP:**

**Hazard symbols:** Irritant.



**Risk Phrases R36/37/38:** Irritating to eyes, respiratory system and skin.

**Safety phrases:**

S2: Keep out of the reach of children

S46: If swallowed, seek medical advice immediately and show this container or label.

**Precautionary phrases:** Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children

### **2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

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#### Section 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Hazardous ingredients:

ETHYL-2-CYANOACRYLATE

EINECS	CAS	CHIP classification	CLP classification	Percentage
230-391-5	7085-85-0	Xi: R36/37/38	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315	>90%

###### Non-classified ingredients:

HYDROQUINONE

EINECS	CAS	CHIP classification	CLP classification	Percentage
204-617-8	123-31-9	Xn: R40; Xn: R68; Xn: R22; Xi:R41; Sens.: R43; N: R50	Carc. 2: H351; Muta. 2: H341; Acute Tox.4: H302; Eye Dam. 1: H318; Skin Sen. 1: H317; Aquatic Acute 1: H400	<1%

#### Section 4: First aid measures

##### 4.1. Description of first aid measures

**Skin contact:** Remove all the contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness. The eyes may water profusely.

**Eye Contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** There may be irritation and redness at the site of contact.

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**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed/immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate/special treatment:** Eye bathing equipment should be available on the premises.

## **Section 5: Fire-fighting measures**

### **5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### **5.2. Special hazards arising from the substance or mixtures**

**Exposure hazards:** In combustion emits toxic fumes

### **5.3. Advice for fire-fighters**

**Advice for fire-fighters:** wear self-contained breathing apparatus. Wear protective clothing to prevent with skin and eyes.

## **Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### **6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### **6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS

## **Section 7: Handling and storage**

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#### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mist in the air

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Polyethylene

#### 7.3. Specific end use(s)

**Specific end uses(s):** No data available

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Hazardous ingredients:**

ETHYL-2-CYANOACRYLATE

**Workplace exposure limit:** Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	1.5 mg m <sup>-3</sup>	-	-

**DNEL/PNEC value**

**Procedure PC07**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	9.25 mg m <sup>-3</sup>	Workers	Local
DNEL	Inhalation	9.25 mg m <sup>-3</sup>	Workers	Systematic
DNEL	Inhalation	9.25 mg m <sup>-3</sup>	General Population	Local
DNEL	Inhalation	9.25 mg m <sup>-3</sup>	General Population	Local

#### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand Protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

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**Skin protection:** Protective clothing

## **Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Reacts with water.

**Also soluble in:** Acetone

**Viscosity:** Viscous

**Kinematic viscosity:** 700-1000

**Viscosity test method:** Cone and plate @ 25 °C (CPs)

**Boiling point/range / °C :** >149

**Melting point/range / °C :** No data available.

**Flammability limits / %: lower:** No data available.

**Flammability limits / %: Upper:** No data available.

**Flash point / °C :** 80.0-93.4

**Part. Coeff. N-octanol/water:** No data available.

**Auto flammability / °C :** 450

**Vapour pressure:** <700 mbar

**Relative density:** 1.05

**pH:** Not applicable.

**VOC g/l:** <20

### **9.2. Other information**

**Other information:** No data available.

## **Section 10: Stability and reactivity**

### **10.1. Reactivity**

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**Reactivity:** Stable under recommended transport or storage conditions.

#### 19.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

#### 10.2. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions

#### 10.4. Conditions to avoid

**Conditions to avoid:** Moist air. Heat

#### 10.5. Incompatible materials

**Materials to avoid:** Water. Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Haz. Decomp. Products:** In combustion emits toxic fumes

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:**

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	>2000	mg kg <sup>-1</sup>
ORAL	RAT	LD50	>5000	mg kg <sup>-1</sup>

**Hazardous ingredients:**

ETHYL-2-CYANOACRYLATE

ORL	RAT	LD50	>5	ml kg <sup>-1</sup>
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**Relevant effects for mixture:**

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated

### 11.2. Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

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**Ingestion:** There may be soreness and redness of the mouth and throat .

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effect:** Immediate effects can be expected after short-term exposure.

#### **Section 12: Ecological Information**

##### **12.1. Toxicity**

**Eco toxicity values:** No data available

##### **12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable

##### **12.3. Bio accumulative potential**

**Bio accumulative potential:** No bio accumulation potential.

##### **12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

##### **12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

##### **12.6. Other adverse effects**

**Other adverse effects:** Negligible eco toxicity.

#### **Section 13: Disposal considerations**

##### **13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialist disposal company.

**Waste code number:** 08 94 09

NB: The user's attention is drawn to the possible existence of regional or nation regulations regarding disposal.

#### **Section 14: Transport information**

##### **14.1. UN number**

**UN number:** UN3334



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#### **14.2. UN proper shipping name**

**Shipping name:** AVIATION REGULATED LIQUID, N. O. S. (ETHYL-2-CYANOACRYLATE)

#### **14.3. Transport hazard class(es)**

**Transport class:** 9

#### **14.4. Packing group**

**Packing group:** III

#### **14.5. Environmental Hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

#### **14.6. Special precautions for user**

**Special precautions:** No special precautions.

### **Section 15: Regulatory information**

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

**15.2. Chemical safety assessment**

### **Section 16: Other information**

**Other information:** This safety is prepared in accordance with Commission Regulation (EU). No 453/2010.

\*indicated text in the SDS which has changed since in the last revision.

#### **Phrases used in s.2 and s.3: EUH202:**

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

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.

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H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure causes the hazard>

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H400: Very toxic to aquatic life.

R22: Harmful if swallowed.

R36/37/38: Irritating to eyes, respiratory system and skin

R40: Limited evidence of a carcinogenic effect.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R50: Very toxic to aquatic organisms.

R68: Possible risk of irreversible effects

#### **Legend to abbreviations:**

PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

Ham = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

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SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

**Legal disclaimer:** All 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 liable for any damage resulting from handling or from contact with the above product.