

# SAFETY DATA SHEET

According to EC directive 1272/2008

Release date: 4/19/2023

Revision Date/No: 4/19/2023 /  
Rev.0

MSDS No: SDS-076

## BondXtra Thick Viscosity Premium CA Glue for Woodworking with Extra Bottles, Caps and Microtips, Super Glue Kit for Woodturning, Plastic, Wood and DIY Craft

### SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

#### 1.1 Product Identifier

**Trade Name:** BondXtra Thick Viscosity Premium CA Glue for Woodworking with Extra Bottles, Caps and Microtips, Super Glue Kit for Woodturning, Plastic, Wood and DIY Craft

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Mixture Uses:** Adhesive

#### 1.3 Details of the Supplier of the Safety Data Sheet

##### *Manufacturer*

BENASSE LLC  
11734 Bowman Green Drive Reston  
VIRGINIA 22030 US  
T: +1 (202) 960-9142  
info@benasse.com

#### 1.4 Emergency Telephone Number

**Emergency Phone Number** : (202) 960-9142

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance/mixture

The mixture meets the criteria for classification of detrimental in accordance with Regulation (EC) No. 1272/2008.

#### 2.2 Hazards Identification

|                                 |                                                                                     |                                                                                                                                                                                                                                                                                                                                                               |  |
|---------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Hazard Pictograms:</b>       |  |                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Signal Words:</b>            | Warning                                                                             |                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Hazard Statements</b>        | H319<br>H335<br>H315                                                                | Causes serious eye irritation.<br>May cause respiratory irritation.<br>Causes skin irritation.                                                                                                                                                                                                                                                                |  |
| <b>Precautionary Statements</b> | P 261<br>P280<br>P302+P352<br>P332+P313<br>P337+P313<br>P405<br>P501                | Avoid breathing dust/fume/gas/mist/vapours/spray.<br>Wear protective gloves/ clothing/eye protection/face protection.<br>IF ON SKIN: Wash with plenty of soap and water.<br>If skin irritation occurs: Get medical advice/attention.<br>If eye irritation persists: Get medical advice/attention.<br>Store locked up.<br>Dispose of contents/container to ... |  |

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|                                                                    |        |                                                                                           |
|--------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------|
| Additional Information                                             | EUH202 | Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. |
| For full text of Hazard- and EU Hazard-statements: see SECTION 16. |        |                                                                                           |

2.

### 3 Other Hazards

Avoid to contact acrylate from people with the possibility of allergic reaction.

## SECTION 3. COMPOSITION ON INGREDIENTS

### 3.2 Mixtures

#### General chemical description:

Rapid Adhesive

#### Base substances of preparation:

Cyanoacrylate,

Declaration of the ingredients according to CLP (EC) No 1272/2008:

| CAS No.                            | EC No.    | Concentration | Classification                                                 |
|------------------------------------|-----------|---------------|----------------------------------------------------------------|
| Ethyl 2-Cyanoacrylate<br>7085-85-0 | 230-391-5 | %80 - %100    | Eye Irr. 2;H319<br>STOT Single Exp. 3;H335<br>Skin Irr. 2;H315 |

See the Section 16 for the full text of the H- and P- Statements.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**Skin Contact:** In the event of contact body part, should wash with plenty of warm water and soap on contact surface. In case of contact with clothes or shoes, it has to be removed on skin before adherend activity had been finished. Do not force on the surface for taking adherend, it can be cause of adherend come with skin part. If adhesive amount is too much, this situation will give rise to serious burned on skin. Apply to health care facility.

**Inhalation:** Remove affected person to fresh air, and if still feeling unwell seek medical attention.

**Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. If eyelids are bonded closed, do not force eye open. Get medical attention.

**Ingestion:** In case of swallow, gargle and do not retch. Apply to health care facility.

### First Aider Protection Equipment

The first aider should use personal protective equipment.

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

Serious eye irritation. Serious rash and swelling on skin. Irritation nose and throat.

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

See the Section 8 .

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

**Suitable extinguishing media:** All common extinguishing agents are suitable. Foam, carbon dioxide, dry powder.

**Extinguishing media which must not be used for safety reasons:** High pressure water jet.

### 5.2 Special Hazards Arising From the Substance or Mixture

In case of fire toxic gases can be released. Don't inhale the combustion products.

### 5.3 Advice For Firefighters

Use personal protective fireproof clothing and respirator face mask

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

#### ***For Non-Emergency Personnel***

Use personal protective equipment. Provide ventilation. Keep away from igniting sources. Keep away from naked flame or any incandescent material.

#### ***For Emergency Responders***

Wear personal protective fireproof clothing.

### 6.2 Environmental Precautions

Do not empty into drains or water. Disposal of the chemicals must be made according to official regulations.

### 6.3 Methods and Material For Containment and Cleaning Up

Flood with water to complete polymerization and scrape off the floor. Dispose of contaminated material as waste according to Section 13.

### 6.4 Reference to Other Sections

Any information on personal protection and disposal is given in sections 8 and 13.

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### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions For Safe Handling

Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mists.

Hygiene precautions:

Do not drink, eat and smoke in the working area. Wash hands before break period and after shift,

#### 7.2 Conditions For Safe Storage, Including Any Incompatibilities

Keep in a cool, well-ventilated area in original container

Away from heat, sparks and open flame.

Keep containers closed safely and check periodically in case leakage and spilling.

Protect containers from physical damage.

**Keep only in the original container**

#### 7.3 Specific end use(s)

Instant adhesive

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control Parameters

Working with chemical materials and safety measures depend to regulation. According to EH 40/2009 Occupational Exposure limit WELs :

| EC No.    | CAS No.   | Component             | TWA | STEL                  |
|-----------|-----------|-----------------------|-----|-----------------------|
| 230-391-5 | 7085-85-0 | Ethyl-2-Cyanoacrylate | -   | 1,5 mg/m <sup>3</sup> |

#### 8.2 Exposure Controls

Appropriate Engineering Controls:

Ensure good ventilation. Apply the all common precautions while working with chemicals.

Respiratory protection:

In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P. This recommendation should be matched to local conditions.

Hand protection:

Wear refractive gloves while working with the hot melt.

Eye protection:

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Wear protective goggles

Skin protection:

Wear protective equipment.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information On Basic Physical And Chemical Properties

|                                         |                                                             |
|-----------------------------------------|-------------------------------------------------------------|
| Appearance                              | : Liquid                                                    |
| Color                                   | : Colorless                                                 |
| Odor                                    | : Irritating                                                |
| pH                                      | : Not Applicable                                            |
| Melting/ Freezing Point                 | : Not Applicable                                            |
| Initial Boiling Point                   | : 302°F                                                     |
| Flash Point                             | : 185°F                                                     |
| Evaporation Rate                        | : Not Applicable                                            |
| Flammability of Solids and Gases        | : Not Applicable                                            |
| Explosive Limit                         | : Not Applicable                                            |
| Vapour Density                          | : Not Applicable                                            |
| Vapour Pressure                         | : 0,293 mmHg                                                |
| Density 25°C                            | : 1,1 ±0,03 g/cm <sup>3</sup>                               |
| Solubility                              | : Insoluble in water reacts with water. Soluble in acetone. |
| Partition Coefficient (n-octanol/water) | : Not Applicable                                            |
| Auto-ignition temperature               | : Not Applicable                                            |
| Decomposition Temperature               | : Not Applicable                                            |
| Viscosity                               | : 1.200-1.500 mPa.s (Brookfield; @25°C; 50 sp, 50 rpm)      |
| Explosive Properties                    | : Not Applicable                                            |
| Oxidizing Properties                    | : Not Applicable                                            |

### SECTION 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

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See section reactivity

### 10.4 Conditions to avoid

None if used for intended purpose.

### 10.5 Incompatible materials

Water, amines, alkalies and alcohols.

### 10.6 Hazardous decomposition products

At higher temperatures carbon oxides may be released.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Informations of Toxicological Effects

Categorized with 1272/2008/EC Based on available data (Chapter 3 Chemical list), the classification criteria are indicated below:

#### Sensitization:

An allergic reaction cannot be excluded after repeated skin contact. Avoid to contact acrylate materials, when contact to material, if carry risk of allergic reaction.

#### Corozion/Irritation:

**Inhalation:** Causes nose and throat irritation

**Skin Contact:** Causes serious irritation. (500µL/24 Hours- rabbit)

**Eye Contact:** Causes serious irritation. (500µL/24 Hours- rabbit)

#### Occupational Exposure Limit Values:

| EC No.    | CAS No.   | Component             | Limiting Values               |
|-----------|-----------|-----------------------|-------------------------------|
| 230-391-5 | 7085-85-0 | Ethyl-2-Cyanoacrylate | 0,3 ppm; STEL<br>0,2 ppm; TWA |

#### Acute Toxicology:

| EC No.    | CAS No.   | Component             | Toxicity                          |
|-----------|-----------|-----------------------|-----------------------------------|
| 230-391-5 | 7085-85-0 | Ethyl-2-Cyanoacrylate | LC50 (rat) : >5000 mg/kg (inhale) |

## SECTION 12. ECOLOGICAL INFORMATION

### General Ecological Information:

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The material is not biodegradable so, do not allow spreading soil, waterways or waste water canal.

### 12.1. Toxicity

| EC No.    | CAS No.   | Component             | Toxicity                          |
|-----------|-----------|-----------------------|-----------------------------------|
| 230-391-5 | 7085-85-0 | Ethyl-2-Cyanoacrylate | LC50 (rat) : >5000 mg/kg (inhale) |

### 12.2. Persistence and degradability

| EC No.    | CAS No.   | Component             | Biodegradable |
|-----------|-----------|-----------------------|---------------|
| 230-391-5 | 7085-85-0 | Ethyl-2-Cyanoacrylate | - (% 57)      |

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

Based on current knowledge, the mixture does not include greater than 0,1% the ratio of PBT or vPvB substances.

### 12.6. Other adverse effects

No data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

If it is possible, try to reuse the mixture. In consultation with the responsible local authority, must be subjected to special treatment. Disposal of the products must be made according to official regulations.

#### Waste code

According to the directive 2008/98/EC on waste management and the local regulation (02.04.2015 dated-No.29314) the waste code is:

08 04 09: waste adhesives and sealants containing organic solvents or other dangerous

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN Number

Not hazardous according to RID, ADR, ADN, IMDG.

IATA-DGR :UN 3334

### 14.2. UN Proper Shipping Name

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Not hazardous according to RID, ADR, ADNR, IMDG.

IATA-DGR : Aviation regulated liquid, n.o.s (Cyanoacrylate ester)

### 14.3. Transport Hazard Class(es)

Not hazardous according to RID, ADR, ADNR, IMDG,

IATA-DGR 9

### 14.4. Packaging Group

Not hazardous according to RID, ADR, ADNR, IMDG.

IATA-DGR III

### 14.5. Environmental Hazards

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

### 14.6. Special Precautions For User

Not hazardous according to RID, ADR, ADNR, IMDG.

IATA-DGR :Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.

### 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

According to EC directive on health and safety precautions while working with chemicals (2009/161/EU) and Directive on Carcinogens or mutagens at work (2004/37/EC) there are no limitations on the products and materials.

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

## SECTION 16. OTHER INFORMATION

This document was prepared according to December 13, 2014 dated and 29204 numbered regulations regarding 1272/2008/EC guideline.

|       |                                                                  |
|-------|------------------------------------------------------------------|
| H319  | Causes serious eye irritation.                                   |
| H335  | May cause respiratory irritation.                                |
| H315  | Causes skin irritation.                                          |
| P 261 | Avoid breathing dust/fume/gas/mist/vapours/spray.                |
| P280  | Wear protective gloves/ clothing/eye protection/face protection. |

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|                                                                                        |                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>P302+P352</b><br><b>P332+P313</b><br><b>P337+P313</b><br><b>P405</b><br><b>P501</b> | IF ON SKIN: Wash with plenty of soap and water.<br>If skin irritation occurs: Get medical advice/attention.<br>If eye irritation persists: Get medical advice/attention.<br>Store locked up.<br>Dispose of contents/container to ... |
| <b>EUH202</b>                                                                          | Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.                                                                                                                                            |

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