

**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

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**Holdtite CA46 Cyanoacrylate**

Revision 3  
Revision date 2015-06-16

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

<b>1.1. Product identifier</b>	
Product name	Holdtite CA46 Cyanoacrylate
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>	
Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC1] Adhesives, sealants;
<b>1.3. Details of the supplier of the safety data sheet</b>	
Company	Bondchem
Address	Unit 10 Lawson Street Dock Road Industrial Estate North Shields Tyne and Wear NE29 6TF
Web	www.bondchem.com
Telephone	+44 (0)191 2586990
Fax	+44 (0)191 2596853
<b>1.4. Emergency telephone number</b>	
Emergency telephone number	+44(0)191 2586990
Company	Bondchem (Head Office) 24 hours (Diverted out of office hours)

**SECTION 2: Hazards identification**

<b>2.1. Classification of the substance or mixture</b>	
2.1.2. Classification - EC 1272/2008	EUH202;
<b>2.2. Label elements</b>	
Hazard Statement	EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
SUPPLEMENTAL HAZARD INFORMATION	P3 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
<b>2.3. Other hazards</b>	
Other hazards	This product is not identified as a PBT/vPvB substance.

**SECTION 3: Composition/information on ingredients**

<b>3.2. Mixtures</b>
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## 3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc.Classification (%w/w)	M-factor.
2-Methoxyethyl 2-cyanoacrylate		27816-23-5248-670-5			90 - 100%	
1,4-Dihydroxybenzene (Hydroquinone)	604-005-00-4	123-31-9	204-617-8		0 - 0.5% Carc. 2: H351; Muta. 2: H341; Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400;	M=10

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention.
Eye contact	Bathe the eye with running water for 15 minutes. Seek medical attention.
Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. Seek medical attention.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Irritating to eyes.
Skin contact	May cause irritation to skin.

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

	Eye wash bottle with water.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

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

	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind, keeping bystanders also 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 escape of liquid.
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## 6.2. Environmental precautions

	Contain the spillage using bunding. Do not allow runoff water to enter sewers or drains. Do not empty into drains; dispose of this material and its container in a safe way.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point.
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## 6.4. Reference to other sections

	SECTION 8: Exposure controls/personal protection.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

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## 7.1. Precautions for safe handling

Appropriate local exhaust ventilation is required. Avoid contact with eyes and skin. Do not handle in a confined space. Ensure adequate ventilation of the working area.

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

Keep only in the original container at a temperature not exceeding 8 °C. Keep out of the reach of children.

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls



Eye / face protection

Safety glasses. Provide eye wash station.

Skin protection -  
Handprotection

Wear suitable gloves. Wash hands after handling the product.

Skin protection - Other

Wear suitable protective clothing, gloves and eye/face protection.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Mild
Odour threshold	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	93 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.1 (H <sub>2</sub> O = 1 @ 20 °C)
Autoignition temperature	No data available
Viscosity	120 mPas (Cone & Plate)
Explosive properties	No data available
Oxidising properties	No data available

## 9.2. Other information

Gas group	No data available
VOC (Volatile organic compounds)	No data available

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

Avoid contact with: Water.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

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Heat. Moisture.

**10.5. Incompatible materials**

Strong acids. Strong oxidising agents. Water.

**10.6. Hazardous decomposition products**

Burning produces irritating, toxic and obnoxious fumes.

**SECTION 11: Toxicological information****11.1.4. Toxicological Information**

C60 Cyanoacrylate

Dermal Rat LD50: &gt;2000mg/kg

Oral Rat LD50: &gt;5000mg/kg

**SECTION 12: Ecological information****12.2. Persistence and degradability**

Readily biodegradable.

**12.3. Bioaccumulative potential**

No observed effect concentration.

**12.4. Mobility in soil**

Readily absorbed into soil.

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

PBT this product is not identified as a PBT/vPvB substance.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances.

**Disposal methods**

Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

**SECTION 14: Transport information****14.1. UN number**

The product is not classified as dangerous for carriage.

**14.2. UN proper shipping name**

The product is not classified as dangerous for carriage.

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

The product is not classified as dangerous for carriage.

**14.4. Packing group**

The product is not classified as dangerous for carriage.

**14.5. Environmental hazards**

The product is not classified as dangerous for carriage.

**14.6. Special precautions for user**

The product is not classified as dangerous for carriage.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No

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

	1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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## 15.2. Chemical safety assessment

	EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
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## SECTION 16: Other information

## Other information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.
Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. Muta. 2: H341 - Suspected of causing genetic defects . Carc. 2: H351 - Suspected of causing cancer . Aquatic Acute 1: H400 - Very toxic to aquatic life.