

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## Holdtite CA01

Revision 0

Revision date 2017-09-12

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

#### 1.1. Product identifier

<b>Product name</b>	Holdtite CA01
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<b>Product Use</b>	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC1] Adhesives, sealants;
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#### 1.3. Details of the supplier of the safety data sheet

<b>Company</b>	Bondchem
<b>Address</b>	Unit 10 Lawson Street Dock Road Industrial Estate North Shields Tyne and Wear NE29 6TF
<b>Web</b>	www.bondchem.com
<b>Telephone</b>	+44 (0)191 2586990
<b>Fax</b>	+44 (0)191 2596853

#### 1.4. Emergency telephone number


<b>Emergency telephone number</b>	+44(0)191 2586990
<b>Company</b>	Bondchem (Head Office) 24 hours (Diverted out of office hours)

### SECTION 2: Hazards identification

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

<b>2.1.1. Classification - 1999/45/EC</b>	Xi; R36/37/38 Symbols: Xi: Irritant.
<b>Main hazards</b>	Irritating to eyes, respiratory system and skin.
<b>2.1.2. Classification - EC 1272/2008</b>	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

#### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.
<b>Precautionary Statement: Prevention</b>	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	P280 - Wear protective gloves/protective clothing/eye protection/face protection. 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. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	607-236-00-9	7085-85-0	230-391-5	01-2119527766-29	90 - 100%	Xi; R36/37/38	
1,4-Dihydroxybenzene (Hydroquinone)	604-005-00-4	123-31-9	204-617-8		0 - 0.5%	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn; R22 Xi; R41 R43 N; R50	M=10

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	607-236-00-9	7085-85-0	230-391-5	01-2119527766-29	90 - 100%	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive. Keep eye covered until debonding is complete, usually within 1 - 3 days. Do not force the eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.
<b>Skin contact</b>	Do not pull bonded skin apart. it may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water. Cyanoacrylates give off heat on solidification. In rare cases a large drop will generate enough heat to cause a burn. Burns should be treated normally after the adhesive has been removed from the skin. If lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll the lips apart. Do not try to pull the lips apart with direct opposing action.
<b>Ingestion</b>	Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Non flammable product (flash point is greater than 80 Deg C). If product is involved in fire extinguish with dry powder, foam or carbon dioxide. Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.
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## SECTION 6: Accidental release measures

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

Ventilate ares. Do not use cloths for mopping up. Polymerise with water and scrape off the floor.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Keep container tightly closed and in a well-ventilated place.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

1,4-Dihydroxybenzene (Hydroquinone)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 0.5
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: 0.3	WEL 15 min limit mg/m3: 1.5
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -

## 8.2. Exposure controls

8.2.2. Individual protection  
measures

Wear suitable gloves and eye/face protection.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear
<b>Odour</b>	Strong
<b>Flash point</b>	93.4 °C
<b>Autoignition temperature</b>	450 °C
<b>Partition coefficient</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper Explosive Limit</b>	No data available
<b>Lower Explosive Limit</b>	No data available
<b>Odour threshold</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Vapour density</b>	No data available
<b>Water solubility</b>	No data available
<b>Fat Solubility</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Initial boiling point</b>	> 149 °C
<b>Vapour pressure</b>	< 70000 Pa
<b>Relative density</b>	< 20 (H2O = 1 @ 20 °C)
<b>Viscosity</b>	= 1500 mPas (Cone & Plate)
<b>Soluble in</b>	=
<b>Solubility</b>	No data available

## 9.2. Other information

<b>Benzene Content</b>	Not relevant
<b>Lead content</b>	Not relevant
<b>Softening point</b>	No data available
<b>Pour point</b>	No data available
<b>Gas group</b>	No data available
<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>VOC (Volatile organic compounds)</b>	< 20 g/l
<b>Specific gravity</b>	= 1.05 g/cm <sup>3</sup>

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

Keep away from. Water.

## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

<b>Ethyl-2-cyanoacrylate</b>	<b>Oral Rat LD50:</b> >5ml/kg	
<b>Holdtite CA01</b>	<b>Oral Rat LD50:</b> >5000mg/kg	<b>Dermal Rabbit LD50:</b> >2000mg/kg

## SECTION 12: Ecological information

## 12.3. Bioaccumulative potential

## Partition coefficient

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## Partition coefficient

	Holdtite CA01 No data available
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## SECTION 13: Disposal considerations

## General information

	Local and national regulations. The product is classified as non hazardous. This material and its container must be disposed of in a safe way. Polymerise by adding slowly to water (10:1). Dispose of as water insoluble non toxic chemical in authorised landfill or incinerate under controlled conditions.
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## SECTION 14: Transport information

## Hazard pictograms

## 14.1. UN number

	UN3334
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## 14.2. UN proper shipping name

	AVIATION REGULATED LIQUID, N.O.S.
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## 14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

## 14.4. Packing group

Packing group	-
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## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	-
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## IMDG

EmS Code	-
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## IATA

Packing Instruction (Cargo)	964
Maximum quantity	220 L
Packing Instruction (Passenger)	964
Maximum quantity	100 L

## SECTION 15: Regulatory information

## SECTION 16: Other information

## Other information

	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.
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**SECTION 16: Other information****Other information**

	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.
<b>Text of risk phrases in Section 3</b>	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.
<b>Text of Hazard Statements in Section 3</b>	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.
<b>Maximum content of VOC</b>	20 g/l.