



**SAFETY DATA SHEET**  
**Adtech 4545 Thixotropic Cyanoacrylate Adhesive**

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

**1.1. Product identifier**

**Product name** Adtech 4545 Thixotropic Cyanoacrylate Adhesive

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

**Identified uses** Adhesive

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

**Supplier** UREKA GLOBAL LTD  
7 FLOWERS HILL,  
BRISLINGTON  
BRISTOL  
BS4 5JJ  
+44 117 971 1364  
sales@thenamesthatsticks.com

**1.4. Emergency telephone number**

**Emergency telephone** Ureka Global +44 (0)117 971 1364 (Mon - Fri) 09:00 - 16:00

**SECTION 2: Hazards identification**

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

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified

**Health hazards** Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Muta. 2 - H341 Carc. 2 - H351 STOT SE 3 - H335

**Environmental hazards** Aquatic Acute 1 - H400

**2.2. Label elements**

**Hazard pictograms**



**Signal word** Warning

**Hazard statements** H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H341 Suspected of causing genetic defects.  
H351 Suspected of causing cancer.  
H400 Very toxic to aquatic life.

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<b>Precautionary statements</b>	<p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p>
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**Contains** ETHYL 2-CYANOACRYLATE, HYDROQUINONE

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>ETHYL 2-CYANOACRYLATE</b>	<b>30-60%</b>
CAS number: 7085-85-0	EC number: 230-391-5
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Irrit. 2 - H315	Xi;R36/37/38
Eye Irrit. 2 - H319	
STOT SE 3 - H335	
<b>HYDROQUINONE</b>	<b>30-60%</b>
CAS number: 123-31-9	EC number: 204-617-8
M factor (Acute) = 10	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Carc. Cat. 3;R40 Muta. Cat. 3;R68 Xn;R22 Xi;R41 R43
Eye Dam. 1 - H318	N;R50
Skin Sens. 1 - H317	
Muta. 2 - H341	
Carc. 2 - H351	
Aquatic Acute 1 - H400	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

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

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Ensure personal safety. Get medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly. Get medical attention.
<b>Skin contact</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

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**Eye contact** Bathe the eye with running water for 15 minutes. Get 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

**Skin contact** May cause irritation.

**Eye contact** Irritating to eyes.

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

**Specific treatments** Eye bathing equipment should be available on the premises.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** Burning produces irritating, toxic and obnoxious fumes

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear full protective clothing. Wear self contained breathing apparatus.

## SECTION 6: Accidental release measures

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

**Personal precautions** 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** Contain the spillage using bunding. Avoid the spillage or runoff entering drains, sewers or watercourses. Collect and place in suitable waste disposal containers and seal securely.

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

**Methods for cleaning up** Collect with absorbent, non-combustible material into suitable containers. Dispose of this material and its container to hazardous or special waste collection point.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

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

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

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

ETHYL 2-CYANOACRYLATE

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Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 0.3 ppm 1.5 mg/m<sup>3</sup>

### HYDROQUINONE

Long-term exposure limit (8-hour TWA): WEL 0.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Eye/face protection

Safety glasses. Ensure eye bath is to hand.

#### Hand protection

Use protective gloves. Wash hands after handling the product.

#### Other skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid
Colour	Clear
Odour	Strong.
Initial boiling point and range	>149 deg C
Flash point	93.4 deg C
Auto-ignition temperature	450°C

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Avoid contact with water.

### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

**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.

### 10.4. Conditions to avoid

**Conditions to avoid** Water, moisture. Avoid heat.

### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Oxidising agents. Water, moisture.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** In combustion emits toxic fumes.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 1,250.0

### SECTION 12: Ecological information

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is readily biodegradable.

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

**Mobility** Readily absorbed into soil.

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

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Waste adhesives and sealants containing organic solvents or other dangerous substances

**Waste class** Waste code: 08 04 09 - Waste adhesives and sealants containing organic solvents or other dangerous substances.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 3334

UN No. (IMDG) 3334

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** Aviation Regulated Liquid, N.O.S.

**Proper shipping name (IMDG)** Aviation Regulated Liquid, N.O.S.

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

ADR/RID class 9

IMDG class 9

#### 14.4. Packing group

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

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

### SECTION 15: Regulatory information

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

## Adtech 4545 Thixotropic Cyanoacrylate Adhesive

**EU legislation** Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Dangerous Preparations Directive 1999/45/EC.

### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

<b>Issued by</b>	Compliance Manager
<b>Revision date</b>	04/02/2020
<b>Revision</b>	3
<b>Supersedes date</b>	01/09/2016
<b>SDS number</b>	21300
<b>Hazard statements in full</b>	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.

### DIRECTIONS FOR USE

### PRODUCT LOGO

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the manufacturer of this product is fit for a particular purpose and suitable for users' method of use or application. It is essential that the user evaluate this product, not the manufacturer, to determine whether it is fit for a particular purpose and suitable for users' method of use or application