



SAFETY DATA SHEET

Adtech 470

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

1.1. Product identifier

Product name Adtech 470

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

Identified uses Contact 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 Carc. 2 - H351

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H351 Suspected of causing cancer.

Precautionary statements P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

Contains DICHLOROMETHANE

2.3. Other hazards

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Dichloromethane		60-100%
CAS number: 75-09-2	EC number: 200-838-9	REACH registration number: 01-2119480404-41-XXXX
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Carc. 2 - H351		
STOT SE 3 - H336		

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

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention if symptoms are severe or persist.
Ingestion	Immediately rinse mouth and provide fresh air. Get medical attention immediately.
Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. If large areas of the skin are damaged or if irritation persists seek medical attention
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

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

General information	Delayed effects can be expected after long term exposure.
Inhalation	May cause respiratory system irritation. Vapours may cause headache, fatigue, dizziness and nausea. Nausea, vomiting.
Ingestion	Symptoms similar to those listed under inhalation. Eye irritation, kidney damage.
Skin contact	Skin irritation. Product has a defatting effect on skin.
Eye contact	Pain. Irritation. May cause serious damage to eyes.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Specific hazards In combustion emits toxic fumes. May give rise to hazardous vapours in a fire.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear self contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing, gloves, eye and face protection. Evacuate area.

6.2. Environmental precautions

Environmental precautions Contain the spillage using bunding. Do not discharge into drains or rivers. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spilled substance with sand or earth. Clean-up should only be dealt with by qualified personnel familiar with the specific substance

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Ensure adequate ventilation of the working area. Avoid direct contact with the substance. Do not breathe vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from the following materials: Acids. Do not use containers made of the following materials: Aluminium.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Dichloromethane

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 1060 mg/m³

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

Dichloromethane (CAS: 75-09-2)

DNEL

Workers - Inhalation; Long term systemic effects: 353 mg/m³

Workers - Inhalation; Short term systemic effects: 706 mg/m³

Workers - Dermal; Long term systemic effects: 12 mg/kg/day

General population - Inhalation; Long term systemic effects: 88.3 mg/m³

General population - Inhalation; Short term systemic effects: 353 mg/m³

General population - Dermal; Long term systemic effects: 5.82 mg/kg/day

General population - Oral; Long term systemic effects: 0.06 mg/kg/day

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PNEC	<ul style="list-style-type: none"> - Fresh water; 0.31 mg/l - marine water; 0.031 mg/l - Intermittent release; 0.27 mg/l - STP; 26 mg/l - Sediment (Freshwater); 2.57 mg/kg - Sediment (Marinewater); 0.26 mg/kg - Soil; 0.33 mg/kg
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8.2. Exposure controls

Appropriate engineering controls	Ensure there is sufficient ventilation of the area.
Eye/face protection	Wear approved safety goggles. Safety glasses. Ensure eye bath is to hand.
Hand protection	Impermeable gloves, change regularly. Wear protective gloves made of the following material: Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber).
Other skin and body protection	Impermeable protective clothing.
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Sharp. Penetrating.
Initial boiling point and range	39-40 deg C
Flash point	>93 deg C
Evaporation rate	Moderate
Vapour pressure	47.6 kPa @ 20°C
Solubility(ies)	Slightly soluble in water. Soluble in most organic solvents.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.
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10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
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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.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat. Avoid hot surfaces. Avoid flames.
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10.5. Incompatible materials

Materials to avoid	Amines. Concentrated Nitric Acid.
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10.6. Hazardous decomposition products

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Hazardous decomposition products Toxic gases/vapours/fumes of: Carbon monoxide (CO). Hydrogen chloride (HCl). Phosgene (COCl₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is 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 product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects Negligible ecotoxicity

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Dispose of waste via a licensed waste disposal contractor. Do not allow runoff to sewer, waterway or ground.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1593

UN No. (IMDG) 1593

UN No. (ICAO) 1593

UN No. (ADN) 1593

14.2. UN proper shipping name

Proper shipping name (ADR/RID) DICHLOROMETHANE

Proper shipping name (IMDG) DICHLOROMETHANE

Proper shipping name (ICAO) DICHLOROMETHANE

Proper shipping name (ADN) DICHLOROMETHANE

14.3. Transport hazard class(es)

ADR/RID class 6.1

ADR/RID classification code T1

ADR/RID label 6.1

IMDG class 6.1

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ICAO class/division 6.1

ADN class 6.1

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

ADN packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-A, S-A

ADR transport category 2

Emergency Action Code 2Z

Hazard Identification Number (ADR/RID) 60

Tunnel restriction code (E)

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Issued by Compliance Manager

Revision date 04/02/2020

Revision 2

Supersedes date 20/08/2015

SDS number 21314

Hazard statements in full H351 Suspected of causing cancer.

DIRECTIONS FOR USE

PRODUCT LOGO

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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