



SAFETY DATA SHEET

Adtech 9310 Part A

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

1.1. Product identifier

Product name Adtech 9310 Part A

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

Identified uses Adhesive / Sealant

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 Flam. Liq. 2 - H225
Health hazards Skin Corr. 1A - H314 Skin Sens. 1 - H317 STOT SE 3 - H335
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P260 Do not breathe vapour/ spray.

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

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.

P310 Immediately call a POISON CENTER/ doctor.

P312 Call a POISON CENTRE/doctor if you feel unwell.

P321 Specific treatment (see medical advice on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

P233 Keep container tightly closed.

Contains

METHYL METHACRYLATE, Triethylene glycol dimethacrylate, METHACRYLIC ACID, CUMENE HYDROPEROXIDE, Propylidynetrimethanol, ethoxylated, esters with acrylic acid, 6,6'-di-tert-butyl-4,4'-thiodi-m-cresol

2.3. Other hazards

Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

METHYL METHACRYLATE		50-60%
CAS number: 80-62-6		EC number: 201-297-1
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 R43 Xi;R37/38	
Skin Irrit. 2 - H315		
Skin Sens. 1 - H317		
STOT SE 3 - H335		

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CUMENE HYDROPEROXIDE		<1%
CAS number: 80-15-9		EC number: 201-254-7
Classification Org. Perox. E - H242 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Chronic 2 - H411		Classification (67/548/EEC or 1999/45/EC) O;R7 T;R23 C;R34 Xn;R21/22,R48/20/22 N;R51/53
2,6-di-tert-butyl-p-cresol		1-10%
CAS number: 128-37-0		
M factor (Chronic) = 1		
Classification Aquatic Chronic 1 - H410		
Para-Toluene Sulfo Chloride		1-10%
CAS number: 000098-59-9		
Classification Met. Corr. 1 - H290 Skin Irrit. 2 - H315 Eye Dam. 1 - H318		
METHACRYLIC ACID		1-10%
CAS number: 79-41-4		EC number: 201-204-4
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335		Classification (67/548/EEC or 1999/45/EC) C;R35 Xn;R21/22
Triethylene glycol dimethacrylate		1-10%
CAS number: 109-16-0		EC number: 203-652-6
Classification Skin Sens. 1B - H317		

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Propylidynetrimethanol, ethoxylated, esters with acrylic acid		<1%
CAS number: 28961-43-5	EC number: 500-066-5	
Classification Eye Irrit. 2 - H319 Skin Sens. 1 - H317		
Defoamer		<1%
CAS number: —		
Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 Aquatic Chronic 2 - H411		

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 person to fresh air and keep comfortable for breathing. Rinse nose and mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Wash out mouth with water. Provide rest, warmth and fresh air. Consult a doctor.
Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Remove from skin with paper or towel. Get medical attention if irritation persists after washing.
Eye contact	Bathe the eye with running water for 15 minutes. Consult a physician for specific advice.

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

Inhalation	May cause coughing and difficulties in breathing. There may be irritation of the throat with a feeling of tightness in the chest.
Ingestion	Ingestion causes burns to the respiratory tract.
Skin contact	There may be irritation and redness.
Eye contact	There may be irritation and redness. Profuse watering of the eyes.

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

Specific treatments	Eye bathing equipment should be available on the premises.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with Carbon Dioxide, Dry Chemical and Foam.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Corrosive gases or vapours. Irritating gases or vapours. Toxic gases or vapours. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
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5.3. Advice for firefighters

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Special protective equipment for firefighters Wear self contained breathing apparatus. Wear full protective clothing. Control run-off water by containing and keeping it out of sewers and watercourses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Refer to section 8 of SDS for personal protection details. 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. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wash the spillage site with large amounts of water.

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 Avoid direct contact with the substance. Provide adequate ventilation. Use explosion proof equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

No data available.

METHYL METHACRYLATE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 208 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 416 mg/m³

2,6-di-tert-butyl-p-cresol

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

METHACRYLIC ACID

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m³

Short-term exposure limit (15-minute): WEL 40 ppm 143 mg/m³

Paraffin waxes and Hydrocarbon waxes

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³ fume

Short-term exposure limit (15-minute): WEL 6 mg/m³ fume

6,6'-di-tert-butyl-4,4'-thiodi-m-cresol

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Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

Short-term exposure limit (15-minute): WEL 20 mg/m³

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Ensure there is sufficient ventilation of the area.

Eye/face protection

Use approved safety goggles or face shield. Provide eyewash station.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Polyvinyl chloride (PVC).

Other skin and body protection

Impermeable protective clothing.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Gel.
Colour	White.
Odour	Strong.
Flash point	10°C
Relative density	0.98
Viscosity	>500000 mPa s @ °C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Oxidising agents. Decomposition may occur on exposure to conditions or materials listed below.

Adtech 9310 Part A

10.4. Conditions to avoid

Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do NOT allow to freeze.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids. Alkalis. Organic peroxides/hydroperoxides.

10.6. Hazardous decomposition products

Hazardous decomposition products In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other health effects Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.

Acute toxicity - oral

ATE oral (mg/kg) 25,000.0

Acute toxicity - dermal

ATE dermal (mg/kg) 55,000.0

Acute toxicity - inhalation

ATE inhalation (gases ppm) 70,000.0

ATE inhalation (vapours mg/l) 300.0

ATE inhalation (dusts/mists mg/l) 50.0

Skin contact Causes burns.

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is potentially degradable.

12.3. Bioaccumulative potential

12.4. Mobility in 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 Dispose of contents/container in accordance with local regulations. Dispose of contents/container in accordance with national regulations.

SECTION 14: Transport information

Adtech 9310 Part A

14.1. UN number

UN No. (ADR/RID)	2924
UN No. (IMDG)	2924
UN No. (ICAO)	2924
UN No. (ADN)	2924

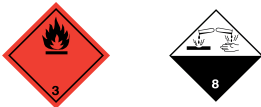
14.2. UN proper shipping name

Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (IMDG)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (ICAO)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (ADN)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID subsidiary risk	8
ADR/RID classification code	FC
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	8
ICAO class/division	3
ICAO subsidiary risk	8
ADN class	3
ADN subsidiary risk	8

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-E, S-C
ADR transport category	2

Adtech 9310 Part A

Emergency Action Code •3WE

Hazard Identification Number 338
(ADR/RID)

Tunnel restriction code (D/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

EU legislation Commission Regulation (EU) No 453/2010 of 20 May 2010.

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 3

Supersedes date 26/06/2015

SDS number 21260

Hazard statements in full

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H242 Heating may cause a fire.
- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

DIRECTIONS FOR USE

PRODUCT LOGO

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.