SAFETY DATA SHEET
Studlock

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: Studlock

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:

Aztec Chemicals
Gateway
Crewe
Cheshire
CW1 6YY
+ 44 (0) 1270 655500 (T)

+ 44 (0) 1270 655501 (F)
info@aztecchemicals.com

1.4. Emergency telephone number

+44 (0)7831300868

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC): Xi;R36/37/38. R43.

Human Health

Prolonged skin contact may cause redness, irritation and dry skin.

2.2. Label elements

Contains: BUTYL METHACRYLATE (ISO)

CUMENE HYDROPEROXIDE

Labelling

Irritant

Risk Phrases

R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation by skin contact.

Safety Phrases

S2	Keep out of the reach of children.
S23	Do not breathe vapour/spray.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

BUTYL METHACRYLATE (ISO)	1-5%
CAS-No.: 97-86-9	EC No.: 202-613-0

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 - H226	R10
Skin Irrit. 2 - H315	R43
Eye Irrit. 2 - H319	Xi;R36/37/38
Skin Sens. 1 - H317	N;R50
STOT Single 3 - H335	
Aquatic Acute 1 - H400	

CUMENE HYDROPEROXIDE 1-5%

CAS-No.: 80-15-9 EC No.: 201-254-7

Classification (EC 1272/2008)	Classification (67/548/EEC)
Org. Perox. E - H242	O;R7
Acute Tox. 4 - H302	T;R23
Acute Tox. 4 - H312	C;R34
Acute Tox. 3 - H331	Xn;R21/22,R48/20/22
Skin Corr. 1B - H314	N;R51/53
STOT Single 3 - H335	
STOT Rep. 2 - H373	
Aquatic Chronic 2 - H411	

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Information

Get medical attention if any discomfort continues. Do not give victim anything to drink if they are unconscious.

Inhalation.

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Perform artificial respiration if breathing has stopped. DO NOT INDUCE VOMITING! Place unconscious person on the side in the recovery position and ensure breathing Get medical attention.

Ingestion

Get medical attention immediately! DO NOT INDUCE VOMITING! Provide rest, warmth and fresh air.

Skin Contact

Remove contaminated clothing immediately and wash skin with soap and water. DO NOT use solvents or thinners as skin cleaning agents

Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Obtain medical attention and bring these instructions.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Water spray should be used to cool containers. If risk of water pollution occurs, notify appropriate authorities.

Protective Measures In Fire

Wear full protective clothing. Use air-supplied respirator during fire fighting.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Do not breathe vapour.

6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Transfer to a container for disposal.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Contaminated rags and cloths must be put in fireproof containers for disposal.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Process Conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection

Use suitable protective gloves if risk of skin contact. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Eye Protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Other Protection

Provide eyewash station.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

Personal Protection

When using do not smoke

Skin Protection

Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Solubility	Insoluble in water
Relative Density	1.0 20
Vapour Density (Air=1)	>1

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid exposing to heat and contact with strong oxidising substances.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong alkalis. Strong oxidising substances.

10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO2, NOx) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation
Irritating to respiratory system.

Ingestion.
Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin Contact
Irritating to skin.

Eye Contact
Irritating to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:
The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General — The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Statutory Instruments
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

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Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

SDS No.	10496
Safety Data Sheet Status	Approved.
Date	21.07.2011

Risk Phrases In Full

R10	Flammable.
R21/22	Harmful in contact with skin and if swallowed.
R23	Toxic by inhalation.
R34	Causes burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R50	Very toxic to aquatic organisms.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R7	May cause fire.

Hazard Statements In Full

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
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.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.