

3019 (Plastick 1506)

According to EC Regulations 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

1.1 Product identifier

Product Name Anglo 3019
Trade Name Anglo 3019
Product code 3019
CAS No. Mixture
EC No. Mixture
REACH Registration No. None assigned

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

Identified Use(s) Industrial use only. Adhesive Applications.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification Stephen Webster Plastics

Address of Manufacturer Brick Knoll Park, Ashley Road, St Albans, Hertfordshire, UK

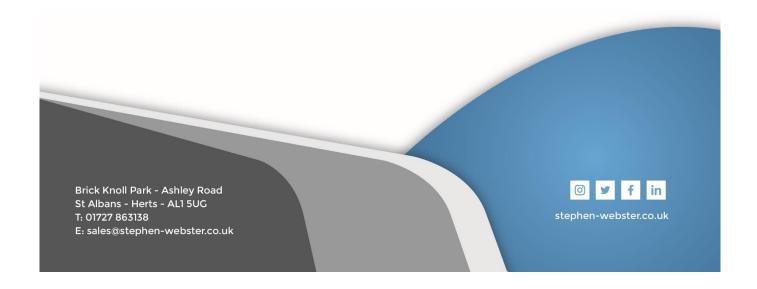
Postal code AL1 5UG

Telephone: +44 (0) 1727 863138

Fax N/A

E-mail sales@stephen-webster.co.uk

Office hours 09:00 - 17:00



SAFETY SIMP STEPHEN WEBSTER PLASTICS

Supplier

Company Identification Stephen Webster Plastics

Address of Supplier Brick Knoll Park, Ashley Road, St Albans, Hertfordshire, UK

Postal code AL1 5UG

Telephone: +44 (0) 1727 863138

Fax N/A

E-mail sales@stephen-webster.co.uk

Office hours 09:00 - 17:00

1.4 Emergency telephone number

Emergency Phone No. +44 (0) 1727 863138 (Office Hours)

Contact Office Hours

National response centre

Address National Poisons Information Service (Birmingham Centre)

City Hospital Dudley Road Birmingham United Kingdom

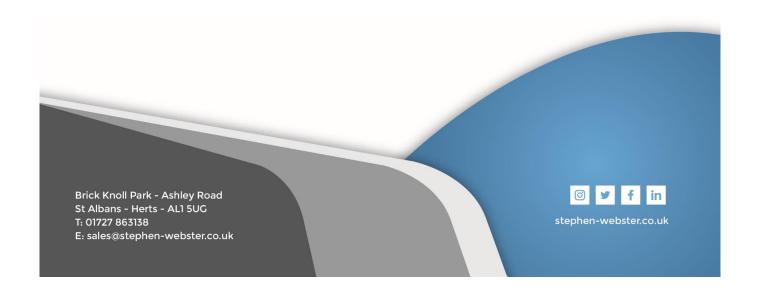
Emergency Phone No. +00 44 (0) 8706 006 266 or NHS – 111

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Eye Irrit. 2: Causes serious eye irritation.

Flam. Liq. 2: Highly flammable liquid and vapour. STOT SE 3: May cause drowsiness or dizziness.



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2.2 Label elements

Product Name

According to Regulation (EC) No. 1272/2008 (CLP) Anglo 3019

Hazard Pictogram(s)

Precautionary Statement(s)





GHS02

Signal Word(s) Danger

Hazard Statement(s) H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

EUH208: Contains: (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)) May produce an allergic

reaction.

EUH066: Repeated exposure may cause skin dryness or cracking.

EUH205: Contains epoxy constituents. May produce an allergic reaction. P210: Keep away from heat, hot surfaces, sparks, open flames and other

ignition sources. No smoking.

P233: Keep container tightly closed.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

Brick Knoll Park - Ashley Road
St Albans - Herts - AL1 5UG
T: 01727 863138
E: sales@stephen-webster.co.uk

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P264: Wash hands and exposed skin thoroughly after handling.

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

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

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/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.

P312: Call a POISON CENTER/doctor if you feel unwell.

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

P337+P313: If eye irritation persists: Get medical advice/attention. P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

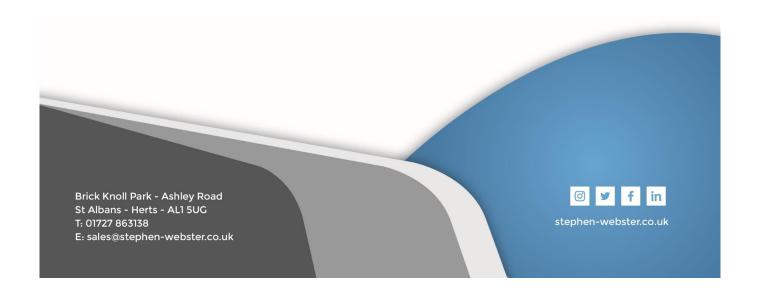
P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.





Section 3: Composition/Information on Ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
butanone ethyl methyl ketone	78-93-3	201-159-0	60-100	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
cyclohexanone	108-94-1	203-631-1	1-10	Flam. Liq. 3 H226 Acute Tox. 4 H332	GHS02 GHS07
reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5	0-1	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411	GHS07 GHS09

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation Remove person to fresh air and keep comfortable for breathing. Call a

POISON CENTER/doctor if you feel unwell.

Skin Contact Take off immediately all contaminated clothing. Rinse skin with

water/shower.





Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing. If eye irritation persists: Get

medical advice/attention.

Ingestion Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed May cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Call a POISON CENTER/doctor if you feel unwell. Treat symptomatically.

Section 5: Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

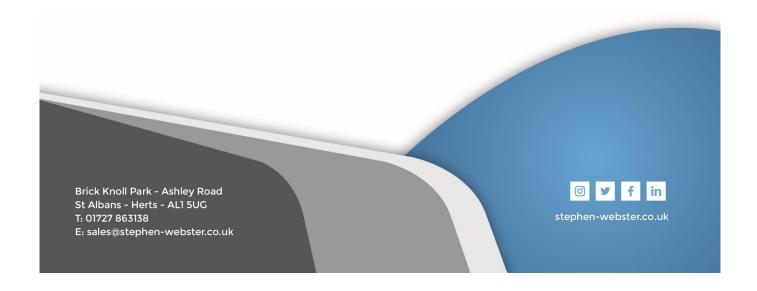
Unsuitable extinguishing media Water jet spray

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.





Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full personal protection (including respiratory protection) during removal of spillages.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable absorbent material. Use vacuum equipment for collecting spilt materials, where practicable. Containers must not be punctured or destroyed by burning, even when empty.

6.4 Reference to other sections

See Also Section 8, 13.

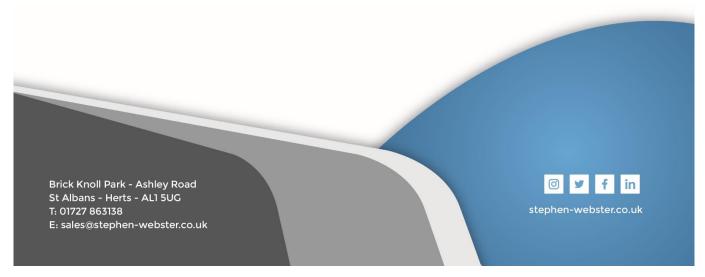
Section 7: Handling and Storage

7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Avoid breathing dust / fume / gas / mist / vapours / spray. Use only outdoors or in a well-ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.





Storage temperature Ambient.

Storage life Stable under normal conditions.

Incompatible materials None known.

7.3 Specific end use(s)

Industrial use only. Adhesive Applications.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits							
SUBSTANCE.	CAS No.	LTEL (8 hr TWA	LTEL (8 hr TWA	STEL (ppm)	STEL (mg/m³)	Note	
		ppm)	mg/m³)				
Butan-2-one	78-93-3	200	600	300	899	Sk,	
(methyl ethyl						BMGV	
ketone)							
Cyclohexanone	108-94-1	10	41	20	82	Sk,	
						BMGV	

Region Source

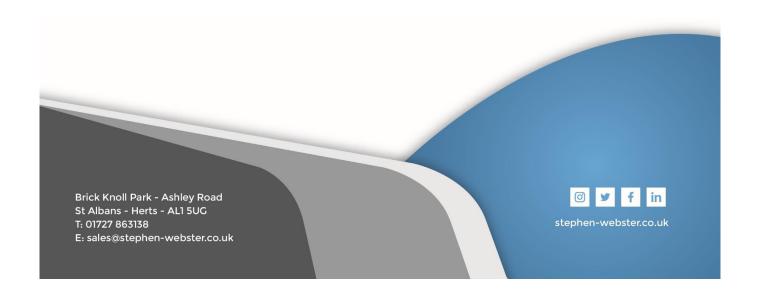
Europe EU Occupational Exposure Limits
United Kingdom Workplace Exposure Limits (WEL)

Remark Notes

Sk Can be absorbed through the skin. The assigned substances are those for which there are

concerns that dermal absorption will lead to systemic toxicity.

BMGV Biological monitoring guidance values are listed in Table 2.





Biological Exposure Indices							
SUBSTANCES	CAS No.	Sampling	Tissues	Control	Biological monitoring	Comments	
				parameters	guidance value		
Butan-2-one	78-93-3	Post shift	Urine	butan-2-one	70 μmol /L		
Cyclohexanone	108-94-1	Post shift	Urine	cyclohexanol	2 mmol/mol creatinine		

Remark Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



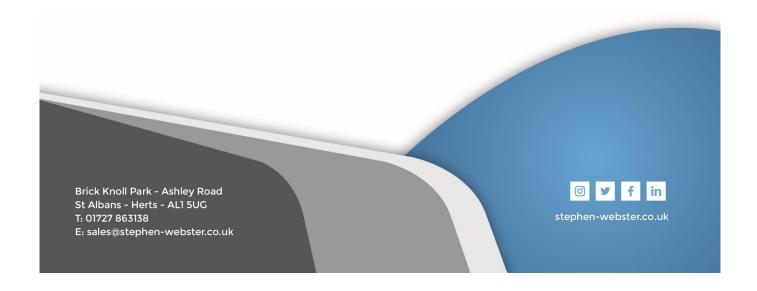
Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).







Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

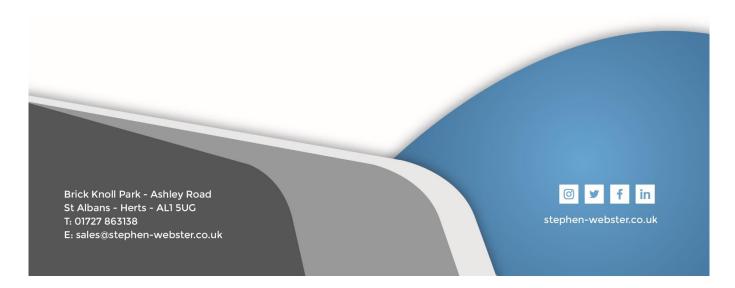
8.2.3. Environmental Exposure Controls Avoid release to the environment.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance Liquid. Colour Clear/White. Odour Characteristic. Odour threshold Not known. рΗ Not known. Melting point/freezing point Not known. Initial boiling point and boiling range 80°C Flash Point -4°C

Evaporation rate Not known. Flammability (solid, gas) Not known.



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Upper/lower flammability or

explosive limits

Vapour pressure

Not known.

Vapour density

Not known.

Density (g/ml)

Relative density

Not known.

0.9 @ 20°C

Solubility(ies) Solubility (Water) : Not known.

Solubility (Other): Not known.

Partition coefficient: n-octanol/water Not known.

Auto-ignition temperature Not known.

Decomposition Temperature (°C) Not known.

Viscosity Not known.

Explosive properties Not known.

Oxidising properties Not known.

9.2 Other information None.

Section 10: Stability and Reactivity

10.1 Reactivity

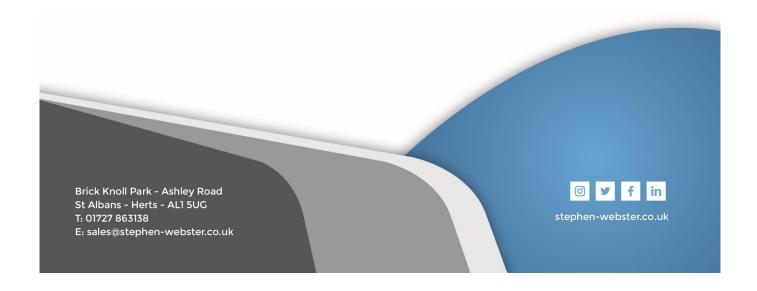
None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.





10.4 Conditions to avoid

Avoid friction, sparks, or other means of ignition.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity – Ingestion Not classified.

Acute toxicity – Skin Contact Not classified.

Acute toxicity – Inhalation Not classified.

Calculated acute toxicity estimate (ATE) Calc ATE - 550.00000

Skin corrosion/irritation Not classified.

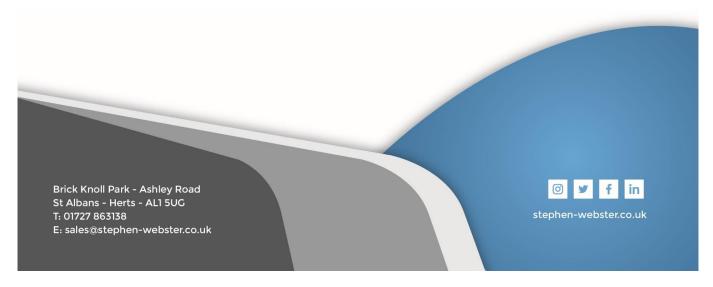
Serious eye damage/irritation Causes serious eye irritation.

Skin sensitization data
Respiratory sensitization data
Not classified.
Germ cell mutagenicity
Not classified.
Carcinogenicity
Reproductive toxicity
Not classified.
Not classified.
Not classified.
Not classified

STOT - single exposure Self classification: May cause drowsiness or dizziness.

STOT - repeated exposure Not classified. Aspiration hazard Not classified.

11.2 Other information Not known.





Section 12: Ecological Information

12.1 Toxicity

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.

Toxicity – Fish Low toxicity to fish.

Toxicity – Algae Low toxicity to algae.

Toxicity - Sediment Compartment Not classified.

Toxicity - Terrestrial Compartment Not classified.

12.2 Persistence and degradabilityNot known.12.3 Bio accumulative potentialNot known.12.4 Mobility in soilNot known.12.5 Results of PBT and vPvB assessmentNot known.

12.6 Other adverse effectsNot known.

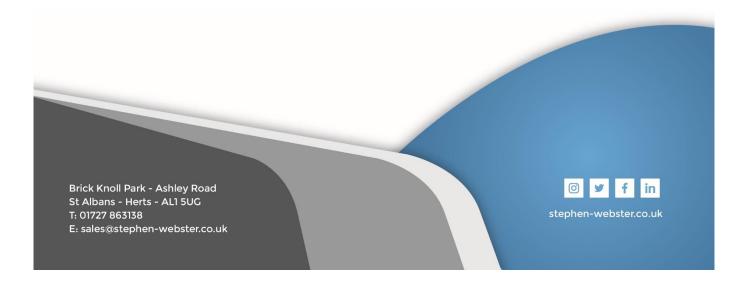
Section 13: Disposal Considerations

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.





Section 14: Transport Information

14.1 UN number

UN No. 1133

14.2 UN proper shipping name

UN proper shipping name ADHESIVES containing flammable liquid (having a flash-point

below 23°C and viscous according to 2.2.3.1.4)

14.3 Transport hazard class(es)

ADR/RID Class 3
IMDG Class 3

IMDG EMS Not available

ICAO/IATA

Excepted Quantities E1
Passenger and Cargo Aircraft 10L

Limited Quantities Max net Qty

Passenger and Cargo Aircraft 355

Packing Instructions

Passenger and Cargo Aircraft 60L

Max net Qty

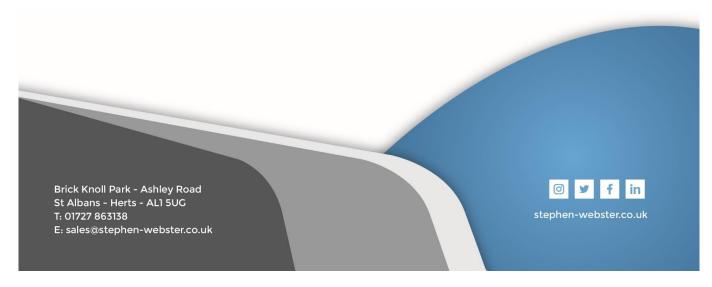
Cargo Aircraft Packing 366

Instructions

Cargo Aircraft Maxnet Qty220LSpecial ProvisionsA3Emergency Response3L

Guidebook (ERG)Code

ADR Classification Code F1



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ADR HIN 33
ADR Transport Category 3
Tunnel Restriction Code D/E
Emergency Action Code •3YE

APP Advice on Additional Not applicable

Personal Protection (APP)

14.4 Packing group

Packing group I II Labels 3



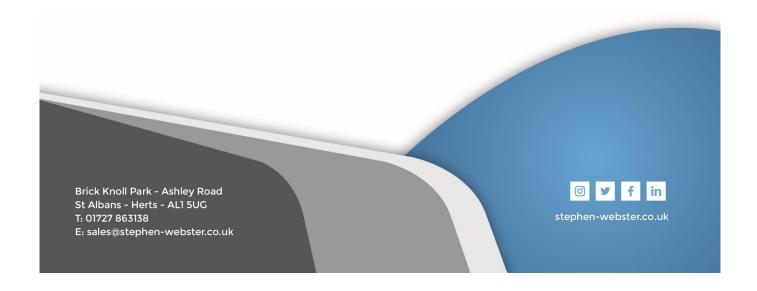
Special Provisions 640F Limited Quantities 5 L Excepted Quantities E1

Mixed Packing Instructions for Packages P001 LP01 R001

Special Packing Provisions for Packages PP1
Mixed Packing Instructions for Packages MP19

14.5 Environmental hazard Not classified as a Marine Pollutant.

14.6 Special precautions for user Not known.



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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Packing Instructions for Portable T2

Tanks

Special Provisions for Portable Tanks TP1
Tank Code for Tanks L4BN

Special Provisions for Tanks Not applicable

Vehicle for Tank Carriage FI

Special Provisions for Carriage -Packages
Special Provisions for Carriage - Bulk
Special Provisions for Carriage -Loading,
Not applicable

Unloading and Handling

Special Provisions for Carriage – Operation S2

Section 15: Regulatory Information

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

Candidate List of Substances of Not listed

Very High Concern for

Authorisation

REACH: ANNEX XIV list of Not listed

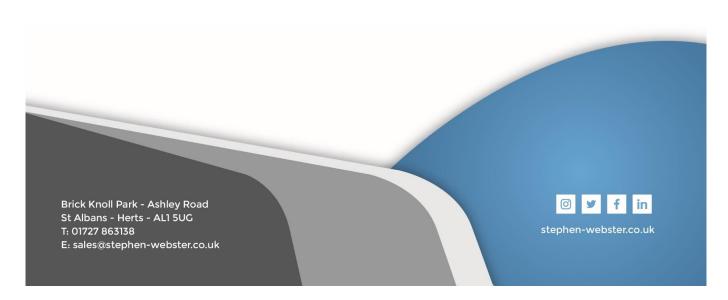
substances subject to

authorisation

REACH: Annex XVII Restrictions butanone ethyl methyl ketone (78-93-3)

on the manufacture, placing on the market and use of certain dangerous substances, mixtures

and articles



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Community Rolling Action Plan (CoRAP)
Cyclohexanone (108-94-1)
Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants
Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight \leq 700) (25068-38-6), Not listed.

Not listed.

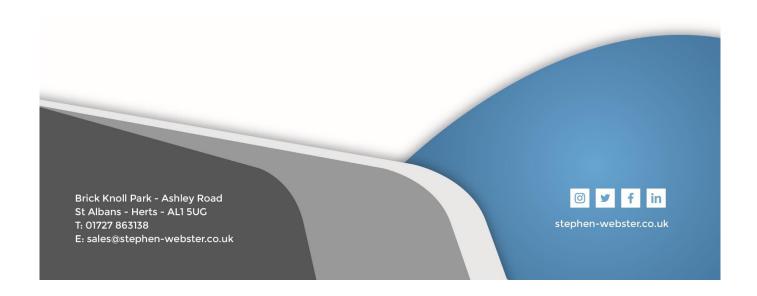
Not listed.

National regulations Other

Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.





Section 16: Other Information

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS09: GHS: fish and tree

Hazard classification:

Acute Tox. 4: Acute toxicity, Category 4

Aquatic Chronic 2: Hazardous to the aquatic environment, Chronic, Category 2

Eye Irrit. 2: Serious eye damage/irritation, Category 2

Flam. Liq. 2 : Flammable liquid, Category 2 Flam. Liq. 3 : Flammable liquid, Category 3

STOT SE 3_H336 : Specific target organ toxicity — single exposure, Category 3

Skin Irrit. 2 : Skin corrosion/irritation, Category 2 Skin Sens. 1 : Skin sensitization, Category 1

Hazard Statement(s):

H225: Highly flammable liquid and vapour.





H226: Flammable liquid and vapour.

H315: Causes skin irritation. H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

EUH205: Contains epoxy constituents. May produce an allergic reaction.

Precautionary Statement(s)

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

P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands and exposed skin thoroughly after handling.

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

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

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

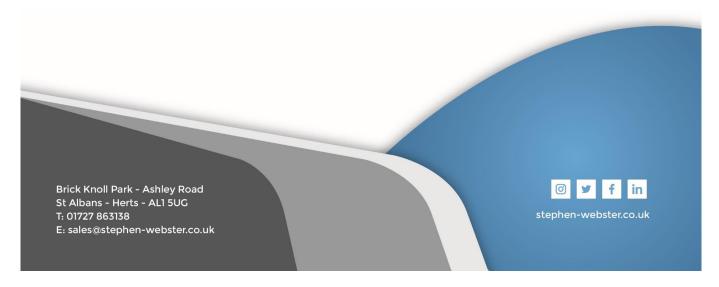
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.

P370+P378: In case of fire: Use water 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 in accordance with local, state or national legislation.

Acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS: Chemical Abstracts Service

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL: Derived No Effect Level EC: European Community

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IBC: Intermediate Bulk Container

ICAO : International Civil Aviation Organization IMDG : International Maritime Dangerous Goods

LTEL: Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic PNEC: Predicted No Effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

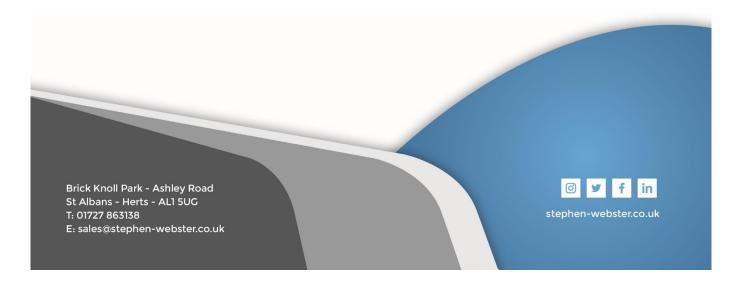
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STEL : Short term exposure limit STOT : Specific Target Organ Toxicity

UN: United Nations

vPvB: very Persistent and very Bioaccumulative

Disclaimers:



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