



## SAFETY DATA SHEET

### 396 Adhesive

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

##### 1.1. Product identifier

<b>Product name</b>	396 Adhesive
<b>Product number</b>	C0074
<b>Synonyms; trade names</b>	NEOPRENE CONTACT ADHESIVE

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

<b>Identified uses</b>	Adhesive.
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##### 1.3. Details of the supplier of the safety data sheet

###### Supplier

Caswell and Company Limited  
 6 Princewood Road  
 Earlstrees Industrial Estate  
 Corby, Northants NN17 4AP  
 +44 (0) 1536 464800  
 +44 (0) 1536 464801  
 info@caswell-adhesives.co.uk

caswell

##### 1.4. Emergency telephone number

<b>Emergency telephone</b>	In case of emergency telephone: +44 (0)1536 464800. Office hours: Mon - Thur 9am - 5pm, Fri 9am - 2pm
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#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

<b>Physical hazards</b>	Flam. Liq. 2 - H225
<b>Health hazards</b>	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H336
<b>Environmental hazards</b>	Aquatic Chronic 3 - H412

**Classification (67/548/EEC or 1999/45/EC)** Repr. Cat. 3;R63. Xi;R36/38. F;R11. R52/53,R67.

<b>Human health</b>	Contains a substance/a group of substances which may damage the unborn child. Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Irritating to skin. Product has a defatting effect on skin. Inhalation of vapour or mist may cause lung oedema.
<b>Environmental</b>	The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12.
<b>Physicochemical</b>	The product is highly flammable. Vapours may form explosive mixtures with air.

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### 2.2. Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H225 Highly flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H361d Suspected of damaging the unborn child.  
 H412 Harmful to aquatic life with long lasting effects.  
 EUH208 Contains . May produce an allergic reaction.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 Avoid breathing vapour/ spray.  
 P273 Avoid release to the environment.  
 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.  
 P313 Get medical advice/ attention.

#### Contains

BUTANONE, Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane, TOLUENE, Hydrocarbons,C6 isoalkanes <5% n-hexane

#### Supplementary precautionary statements

P240 Ground/ bond container and receiving equipment.  
 P241 Use explosion-proof electrical equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P264 Wash contaminated skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

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

#### 3.2. Mixtures

<b>BUTANONE</b>	<b>30-60%</b>
CAS number: 78-93-3	EC number: 201-159-0
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

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<b>Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,&lt;5%n-hexane</b>	<b>10-30%</b>
CAS number: —	EC number: 921-024-6
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
<b>TOLUENE</b>	<b>1-10%</b>
CAS number: 108-88-3	EC number: 203-625-9
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
<b>Hydrocarbons,C6 isoalkanes &lt;5% n-hexane</b>	<b>1-5%</b>
CAS number: —	EC number: 931-254-9
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

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>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Get medical attention. Show this Safety Data Sheet to the medical personnel.
<b>Ingestion</b>	Get medical attention immediately. Do not induce vomiting.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

<b>General information</b>	Treat symptomatically. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Vapours may cause drowsiness and dizziness.

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<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye irritation.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** The product is highly flammable. Solvent vapours may form explosive mixtures with air.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Containers close to fire should be removed or cooled with water.

**Special protective equipment for firefighters** Wear chemical protective suit. Use air-supplied respirator, gloves and protective goggles.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** No smoking, sparks, flames or other sources of ignition near spillage. Take precautionary measures against static discharges. Do not breathe vapour. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

### **6.2. Environmental precautions**

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

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**Usage precautions** Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Avoid eating, drinking and smoking when using the product. Good personal hygiene procedures should be implemented. Avoid inhalation of vapours and spray/mists. Provide adequate ventilation. Use approved respirator if air contamination is above an acceptable level. In use may form flammable/explosive vapour-air mixture.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product.

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

**Storage precautions** Keep away from heat, sparks and open flame. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 25°C.

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### BUTANONE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 300 ppm 899 mg/m<sup>3</sup>

Sk

##### TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 191 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 384 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

**Ingredient comments** WEL = Workplace Exposure Limits

### BUTANONE (CAS: 78-93-3)

<b>Ingredient comments</b>	WEL = Workplace Exposure Limits
<b>DNEL</b>	Consumer - Oral; Long term systemic effects: 31 mg/kg/day Consumer - Dermal; Long term systemic effects: 412 mg/kg/day Workers - Dermal; Long term systemic effects: 1161 mg/kg/day Consumer - Inhalation; Long term systemic effects: 106 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 600 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 55.8 mg/l - Sediment (Freshwater); 284.7 mg/kg - Intermittent release; 55.8 mg/l - Sediment (Marinewater); 284.7 mg/l - STP; 709 mg/l - Soil; 22.5 mg/kg - Marine water; 55.8 mg/l

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### Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane

<b>DNEL</b>	Consumer - Oral; Long term systemic effects: 699 mg/kg/day
	Workers - Oral; Long term systemic effects: 2035 mg/kg/day
	Consumer - Dermal; Long term systemic effects: 699 mg/kg/day
	Workers - Dermal; Long term systemic effects: 773 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 608 mg/m <sup>3</sup>

### TOLUENE (CAS: 108-88-3)

<b>DNEL</b>	Consumer - Inhalation; Short term local effects: 226 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term systemic effects: 226 mg/m <sup>3</sup>
	Workers - Inhalation; Short term systemic effects: 384 mg/m <sup>3</sup>
	Workers - Inhalation; Short term local effects: 384 mg/m <sup>3</sup>
	Workers - Inhalation; Long term local effects: 192 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 56.5 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 0.68 mg/l
	- Sediment (Freshwater); 16.39 mg/kg
	- STP; 13.61 mg/l
	- Soil; 2.89 mg/kg

### Hydrocarbons,C6 isoalkanes <5% n-hexane

<b>DNEL</b>	Consumer - Oral; Long term systemic effects: 1301 mg/kg/day
	Consumer - Dermal; Long term systemic effects: 1377 mg/kg/day
	Workers - Dermal; Long term systemic effects: 13964 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 1131 mg/m <sup>3</sup>
	Workers - Inhalation; Long term systemic effects: 5306 mg/m <sup>3</sup>

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

### Personal protection

Always check applicability with your supplier of protective equipment.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear tight-fitting, chemical splash goggles or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

### Other skin and body protection

Wear apron or protective clothing in case of contact.

### Hygiene measures

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

### Respiratory protection

In case of inadequate ventilation use a respirator suitable for organic vapours. Consult respirator manufacturer for specific advice.

### Environmental exposure controls

Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

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### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Amber.
<b>Odour</b>	Organic solvents.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Range 55-111°C @
<b>Flash point</b>	-8°C CC (Closed cup).
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.9 Upper flammable/explosive limit: 11.5
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	0.854 @ 20°C
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	290 - 3100 cP @ 25°C
<b>Explosive properties</b>	Not determined.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

#### 9.2. Other information

<b>Refractive index</b>	Not determined.
<b>Particle size</b>	Not determined.
<b>Molecular weight</b>	Not determined.
<b>Volatility</b>	«184»
<b>Saturation concentration</b>	Not determined.
<b>Critical temperature</b>	Not determined.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 763 g/l.

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** No hazardous reactions if stored and handled as prescribed.

#### 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** Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** No specific test data are available.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** No specific test data are available.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No specific test data are available.

##### Skin corrosion/irritation

**Skin corrosion/irritation** Skin irritation., Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Irritating to eyes

##### Respiratory sensitisation

**Respiratory sensitisation** No specific test data are available.

##### Skin sensitisation

**Skin sensitisation** Sensitising.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** No specific test data are available.

##### Carcinogenicity

**Carcinogenicity** No specific test data are available.

##### Reproductive toxicity

**Reproductive toxicity - fertility** No specific test data are available.

##### Specific target organ toxicity - single exposure



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**STOT - single exposure** No specific test data are available.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

<b>General information</b>	Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.
<b>Inhalation</b>	Vapours may cause drowsiness and dizziness.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Acute and chronic health hazards</b>	Solvent vapours are hazardous and may cause nausea, sickness and headaches. Frequent inhalation of vapours may cause respiratory allergy. Mild dermatitis, allergic skin rash. This product may cause skin and eye irritation. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.
<b>Route of entry</b>	Inhalation Skin and/or eye contact

### BUTANONE

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Oral, Rat

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Dermal, Rabbit

<b>Inhalation</b>	Vapours may irritate throat/respiratory system. Symptoms following overexposure may include the following: Headache. Dizziness. Drowsiness. Prolonged inhalation of high concentrations may damage respiratory system.
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication. Ingestion of large amounts may cause unconsciousness.
<b>Skin contact</b>	May be absorbed through the skin. Product has a defatting effect on skin. Irritating to skin.
<b>Eye contact</b>	Severe irritation, burning and tearing.

### Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> >5000 mg/kg, Oral, Rat

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Dermal, Rabbit

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#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> >5000 mg/kg, Oral, Rat

#### Acute toxicity - dermal

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<b>Notes (dermal LD<sub>50</sub>)</b>	LD <sub>50</sub> >5000 mg/kg, Dermal, Rabbit
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	LC50/4h >20 mg/l, Inhalation, Rat
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Irritating to eyes
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Not known.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not known.
<b><u>Carcinogenicity</u></b>	
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - development</b>	Suspected of damaging the unborn child

### Hydrocarbons, C6 isoalkanes <5% n-hexane

<b><u>Acute toxicity - oral</u></b>	
<b>Notes (oral LD<sub>50</sub>)</b>	LD <sub>50</sub> >5000 mg/kg, Oral, Rat
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	LD <sub>50</sub> >2000 mg/kg, Dermal, Rat
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	LC50/4h >20 mg/l, Inhalation, Rat

## SECTION 12: Ecological Information

**Ecotoxicity** Ecotoxicological studies are not available for the product.  
Do not allow to escape into waterways, wastewater or soil.  
Please find below the ecotoxicological data available to us for the components.

### 12.1. Toxicity

<b>Toxicity</b>	Harmful to aquatic life with long lasting effects.
<b>Acute toxicity - fish</b>	Not determined.
<b>Acute toxicity - aquatic invertebrates</b>	Not determined.
<b>Acute toxicity - aquatic plants</b>	Not determined.
<b>Acute toxicity - microorganisms</b>	Not determined.
<b>Acute toxicity - terrestrial</b>	Not determined.

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<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 48 hours: >100 mg/l, Leuciscus idus (Golden orfe)
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**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >100 mg/l, Daphnia magna

### Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane

**Acute toxicity - fish** LC<sub>50</sub>, : 1-10 mg/l, Algae  
NOEC, : 1-10 mg/l, Algae

**Acute toxicity - aquatic plants** LC<sub>50</sub>, : 10-100 mg/l, Fish

**Acute toxicity - microorganisms** LC<sub>50</sub>, : 1-10 mg/l, Activated sludge  
NOEC, : 0.1-1 mg/l, Activated sludge

### TOLUENE

**Acute toxicity - fish** LC<sub>50</sub>, : >1 - <10 mg/l, Algae  
LC<sub>50</sub>, 96 hours: 13 mg/l, Carassius auratus (Goldfish)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 11.5 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: 12 mg/l, Selenastrum capricornutum, Pseudokirchneriella subcapitata

**Chronic toxicity - fish early life stage** NOEC, 28 days: >1 - <10 mg/l, Algae

### Hydrocarbons,C6 isoalkanes <5% n-hexane

**Acute toxicity - fish** LC<sub>50</sub>, : 10-100 mg/l, Algae  
NOEC, : 1-10 mg/l, Algae

**Acute toxicity - aquatic plants** LC<sub>50</sub>, : 10-100 mg/l, Fish

**Acute toxicity - microorganisms** NOEC, : 1-10 mg/l, Activated sludge

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

**Phototransformation** Not determined.

**Stability (hydrolysis)** Not determined.

**Biodegradation** Not determined.

**Biological oxygen demand** Not determined.

**Chemical oxygen demand** Not determined.

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

### Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane

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

### TOLUENE

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

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** Not determined.

### BUTANONE

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** log Pow: 0.29

### 12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

**Adsorption/desorption coefficient** No specific test data are available.

**Henry's law constant** No specific test data are available.

**Surface tension** No specific test data are available.

### BUTANONE

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available

### BUTANONE

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

#### Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane

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

### TOLUENE

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

#### Hydrocarbons,C6 isoalkanes <5% n-hexane

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**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 waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**Waste class** Hazardous waste

#### SECTION 14: Transport information

##### 14.1. UN number

UN No. (ADR/RID)	1133
UN No. (IMDG)	1133
UN No. (ICAO)	1133
UN No. (ADN)	1133

##### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ADHESIVES
Proper shipping name (IMDG)	ADHESIVES
Proper shipping name (ICAO)	ADHESIVES
Proper shipping name (ADN)	ADHESIVES

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

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

##### Transport labels



##### 14.4. Packing group

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

##### 14.5. Environmental hazards

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### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

EmS F-E, S-D

ADR transport category 3

Emergency Action Code •3Y

Hazard Identification Number 30  
(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

National regulations Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation Dangerous Preparations Directive 1999/45/EC.

Guidance Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006) No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

Revision comments SDS Updated

Revision date 12/02/2018

Revision 14

Supersedes date 22/06/2015

SDS number 10395

SDS status Approved.

## 396 Adhesive

### Risk phrases in full

R11 Highly flammable.  
R36 Irritating to eyes.  
R36/38 Irritating to eyes and skin.  
R38 Irritating to skin.  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R63 Possible risk of harm to the unborn child.  
R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

### Hazard statements in full

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains . May produce an allergic reaction.

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.