



## SAFETY DATA SHEET 2047 ADHESIVE

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

#### 1.1. Product identifier

Product name 2047 ADHESIVE

Product number C0655

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

Identified uses Adhesive.

Uses advised against No specific uses advised against are identified.

#### 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

#### 1.4. Emergency telephone number

Emergency telephone In case of emergency telephone: +44 (0)1536 464800. Office hours: Mon - Thur 9am - 5pm,  
Fri 9am - 2pm

### SECTION 2: Hazards identification

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

##### Classification

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements NC Not Classified

#### 2.3. Other hazards

No further information on other hazards available

## 2047 ADHESIVE

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Sodium salts of resin acids</b>	<b>1-5%</b>
CAS number: 61790-51-0	EC number: 263-144-5

#### Classification

Eye Irrit. 2 - H319

<b>Potassium salts of resin acids</b>	<b>1-5%</b>
CAS number: 61790-50-9	EC number: 263-142-4

#### Classification

Eye Irrit. 2 - H319

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 at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<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>	The product is considered to be a low hazard under normal conditions of use.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	May cause irritation.
<b>Eye contact</b>	May cause eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
-----------------------------	------------------------------

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

## 2047 ADHESIVE

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

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	In case of fire, toxic gases (CO, CO <sub>2</sub> , NO <sub>x</sub> ) may be formed. Heating may generate the following products: Hydrogen chloride (HCl).

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Use air-supplied respirator, gloves and protective goggles.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
-----------------------------	--

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
----------------------------------	--

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

<b>Methods for cleaning up</b>	Contain and absorb spillage with sand, earth or other non-combustible material. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.
--------------------------------	--

### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
------------------------------------	---

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Provide adequate ventilation. Avoid contact with skin and eyes.
<b>Advice on general occupational hygiene</b>	Do not eat, drink or smoke when using this product.

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

<b>Storage precautions</b>	Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.
<b>Storage class</b>	Chemical storage.

### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
----------------------------	---

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

## 2047 ADHESIVE

### 8.2. Exposure controls

#### Protective equipment



<b>Appropriate engineering controls</b>	Provide adequate general and local exhaust ventilation.
<b>Eye/face protection</b>	Wear eye protection.
<b>Hand protection</b>	Wear protective gloves.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent skin contamination.
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	White/off-white.
<b>Odour</b>	No characteristic odour.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 10 - 13 Decreases gradually during storage
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	100°C @
<b>Flash point</b>	Not applicable.
<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>	Not determined.
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1 @ °C
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Forms an emulsion with water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.

## 2047 ADHESIVE

<b>Viscosity</b>	Approx 1300 cP @ 20°C
<b>Explosive properties</b>	Not determined.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.

### 9.2. Other information

<b>Other information</b>	No further relevant information available
--------------------------	---

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	No hazardous reactions if stored and handled as prescribed.
-------------------	---

### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
------------------	-----------------------------------

### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not relevant.
---	---------------

### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight.
----------------------------	---

### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong acids.
---------------------------	---------------

### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.
---	---

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	Toxicological studies on the product are not available. Please find below any toxicological data available to us for the hazardous components.
------------------------------	---

### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	No specific test data are available.
--------------------------------------	--------------------------------------

### Respiratory sensitisation

<b>Respiratory sensitisation</b>	No specific test data are available.
----------------------------------	--------------------------------------

### Skin sensitisation

<b>Skin sensitisation</b>	No specific test data are available.
---------------------------	--------------------------------------

### Germ cell mutagenicity

<b>Genotoxicity - in vitro</b>	No specific test data are available.
--------------------------------	--------------------------------------

### Carcinogenicity

<b>Carcinogenicity</b>	No specific test data are available.
------------------------	--------------------------------------

### Reproductive toxicity

<b>Reproductive toxicity - fertility</b>	No specific test data are available.
--	--------------------------------------

### Specific target organ toxicity - single exposure

<b>STOT - single exposure</b>	No specific test data are available.
-------------------------------	--------------------------------------

## 2047 ADHESIVE

### Specific target organ toxicity - repeated exposure

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

### Aspiration hazard

**Aspiration hazard** Based on available data, the classification criteria are not met.

### General information

No specific health hazards known.

### Inhalation

May cause respiratory system irritation.

### Ingestion

May cause discomfort if swallowed.

### Skin contact

Prolonged and frequent contact may cause redness and irritation.

### Eye contact

May cause temporary eye irritation.

### Acute and chronic health hazards

No specific health hazards known.

### Toxicological information on ingredients.

#### Sodium salts of resin acids

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Dermal, Rat Based on data available for similar products

##### Acute toxicity - inhalation

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

##### Carcinogenicity

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

##### Reproductive toxicity

**Reproductive toxicity - fertility** Fertility, Screening - NOAEL 3000 ppm, Oral, Rat Studies of a comparable product  
Fertility, Screening - NOAEL 3000 ppm, Oral, Rat F1 Studies of a comparable product

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

**STOT - single exposure** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

##### Aspiration hazard

**Aspiration hazard** Based on available data, the classification criteria are not met.

#### Potassium salts of resin acids

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Dermal, Rat Based on data available for similar products

##### Acute toxicity - inhalation

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

##### Carcinogenicity

## 2047 ADHESIVE

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

### Reproductive toxicity

**Reproductive toxicity - fertility** Fertility, Screening - NOAEL 3000 ppm, Oral, Rat Studies of a comparable product  
Fertility, Screening - NOAEL 3000 ppm, Oral, Rat F1 Studies of a comparable product

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Based on available data, the classification criteria are not met.

## 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

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

### Ecological information on ingredients.

#### Sodium salts of resin acids

**Bioaccumulative potential** BCF: 56.2,

**Partition coefficient** log Pow: 0.9 - 6.6

#### Potassium salts of resin acids

**Bioaccumulative potential** BCF: 56.2, Studies of a comparable product

**Partition coefficient** log Pow: 0.9 - 6.6

### 12.4. Mobility in soil

**Mobility** The product is partly miscible with water and may spread in the aquatic environment.

### Ecological information on ingredients.

#### Sodium salts of resin acids

**Mobility** No data available

#### Potassium salts of resin acids

**2047 ADHESIVE**

**Mobility** No data available

**12.5. Results of PBT and vPvB assessment**

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

**Ecological information on ingredients.****Sodium salts of resin acids**

**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**

**Other adverse effects** Not known.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**General information** Waste should be treated as controlled waste.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information**

**General** The product is not covered by international regulations 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**

**National regulations** The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (united Kingdom)

**15.2. Chemical safety assessment****SECTION 16: Other information**

**General information** Only trained personnel should use this material.

**Revision date** 10/06/2015

**Revision** 3

**SDS number** 10786

**SDS status** Approved.



## 2047 ADHESIVE

<b>Risk phrases in full</b>	NC Not classified. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Hazard statements in full</b>	H319 Causes serious eye irritation.

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.