



SAFETY DATA SHEET 1691 ADHESIVE

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

1.1. Product identifier

Product name 1691 ADHESIVE

Product number C0359

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

Human health Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

No further information on other hazards available

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

AMMONIA ...%	<1%
CAS number: 1336-21-6	EC number: 215-647-6
M factor (Acute) = 1	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Corr. 1B - H314	C;R34 N;R50
Eye Dam. 1 - H318	
STOT SE 3 - H335	
Aquatic Acute 1 - H400	

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	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.
Ingestion	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.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	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

General information	Treat symptomatically.
Inhalation	May cause eye and respiratory system irritation.
Ingestion	Latex may coagulate in digestive tract, get medical attention. Do not induce vomiting
Skin contact	May cause irritation.
Eye contact	May cause eye irritation.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards	None known.
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Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Use air-supplied respirator, gloves and protective goggles.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 5°C and 30°C. Protect from sunlight.

Storage class Unspecified 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

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Eye/face protection Wear eye protection.

Hand protection Wear protective gloves.

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Other skin and body protection	Wear appropriate clothing to prevent skin contamination.
Hygiene measures	Use engineering controls to reduce air contamination to permissible exposure level.
Respiratory protection	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

Appearance	Coloured liquid.
Colour	White/off-white.
Odour	Ammonia.
Odour threshold	Not determined.
pH	pH (concentrated solution): 9.8 - 10.8 approx
Melting point	Not determined.
Initial boiling point and range	100°C @
Flash point	Not determined.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	Estimated value. 0.95
Bulk density	Not determined.
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	approx 450 cP @ 20°C
Explosive properties	Not determined.

9.2. Other information

Other information	No further relevant information available
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No hazardous reactions if stored and handled as prescribed.
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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 No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid freezing.

10.5. Incompatible materials

Materials to avoid Copper and manganese will speed up latex degradation Avoid contact with the following materials: Acids. Alcohols. Organic salts.

10.6. Hazardous decomposition products

Hazardous decomposition products Will decompose at temperatures exceeding 220°C. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Other health effects Inhalation of ammonia fumes may cause irritation of respiratory system, eyes & nose

Skin sensitisation

Skin sensitisation Workers exposed to products containing natural rubber latex may develop symptoms of irritation and/or allergic reactions such as skin rashes, nasal, eye or sinus symptoms, asthma-like symptoms; and in rare cases anaphylactic shock

Inhalation Vapour may irritate respiratory system/lungs.

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

Skin contact Slightly irritating.

Eye contact May cause severe eye irritation.

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

Toxicity Coagulates to natural rubber which is biodegradable & is considered harmless in the environment

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient Not determined.

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12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available

12.6. Other adverse effects

Other adverse effects None 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

UN No. (IMDG)

UN No. (ICAO)

14.2. UN proper shipping name

14.3. Transport hazard class(es)

ADR/RID class

ADR/RID subsidiary risk

IMDG class

IMDG subsidiary risk

ICAO class/division

ICAO subsidiary risk

Transport labels

14.4. Packing group

ADR/RID packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

1691 ADHESIVE**14.6. Special precautions for user****EmS****Emergency Action Code****Hazard Identification Number
(ADR/RID)****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**

Revision date	05/06/2015
Revision	10
SDS number	10408
SDS status	Approved.
Risk phrases in full	NC Not classified. R34 Causes burns. R37 Irritating to respiratory system. R50 Very toxic to aquatic organisms.
Hazard statements in full	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.

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.