

SAFETY DATA SHEET

A17 Superset! Premium Fast Setting Adhesive

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name	A17 Superset! Premium Fast Setting Adhesive
Container size	310ml
REACH registration notes	All chemicals used in this product have been registered under REACH where required.

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

Identified uses	Adhesive. Restricted to professional users.
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1.3. Details of the supplier of the safety data sheet

Supplier	Sanglier Ltd Shelley Close Lowmoor Business Park Kirkby in Ashfield NG17 7JZ Tel: 01623 722661 Fax: 01623 885971 Email: SDS@sanglier.org.uk
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1.4. Emergency telephone number

Emergency telephone	UK +44 (0) 1623 722661 (Mon-Fri 09:00-17:00)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Danger
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Hazard statements	H332 Harmful if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H351 Suspected of causing cancer. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure.
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Precautionary statements	<p>P260 Do not breathe vapour/ spray.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P284 [In case of inadequate ventilation] wear respiratory protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P405 Store locked up.</p>
Supplemental label information	EUH204 Contains isocyanates. May produce an allergic reaction.
Contains	Diphenylmethane-4,4'-diisocyanate, Methylene diphenyl diisocyanate (isomers and homologues)
Supplementary precautionary statements	P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Diphenylmethane-4,4'-diisocyanate			10-30%
CAS number: 101-68-8	EC number: 202-966-0	REACH registration number: 01-2119457014-47-0000	
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373			

Methylene diphenyl diisocyanate (isomers and homologues)			<1%
CAS number: 9016-87-9	EC number: 618-498-9	REACH registration number: 01-2119457024-46-XXXX	
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373			

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Titanium Dioxide	<1%
CAS number: 13463-67-7	
Classification	
Carc. 2 - H351	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Instantly remove any clothing soiled by the product
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Do not induce vomiting. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention immediately.
Eye contact	Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Coughing, chest tightness, feeling of chest pressure.
Skin contact	Skin irritation. May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	Causes serious eye irritation. Profuse watering of the eyes.

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

Notes for the doctor	Show this Safety Data Sheet to the medical personnel.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
Unsuitable extinguishing media	Water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen. Isocyanates. Hydrogen cyanide (HCN).
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5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure suitable respiratory protection is worn during removal of spillages in confined areas. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.
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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 Pick up mechanically.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13. See Section 7 for information on safe handling.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

Storage class Chemical 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

Diphenylmethane-4,4'-diisocyanate

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m³(Sen)

Short-term exposure limit (15-minute): WEL 0.07 mg/m³(Sen)
as -NCO

Methylene diphenyl diisocyanate (isomers and homologues)

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m³(Sen)

Short-term exposure limit (15-minute): WEL 0.07 mg/m³(Sen)

WEL = Workplace Exposure Limit.

Diphenylmethane-4,4'-diisocyanate (CAS: 101-68-8)

DNEL	- Dermal; local effects: 28.7 mg/cm ² - Inhalation; local effects: 0.1 mg/m ³ - Inhalation; systemic effects: 0.05 mg/m ³
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PNEC	- marine water; >1 mg/l - marine water; >0.1 mg/l - Sediment; Not Relevant - Soil; >1 mg/kg (Dry Weight)
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Methylene diphenyl diisocyanate (isomers and homologues) (CAS: 9016-87-9)

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DNEL

Consumer - Oral; Short term systemic effects: 20 mg/kg
 Consumer - Inhalation; Short term local effects: 0.05 mg/m³
 Consumer - Inhalation; Short term systemic effects: 0.05 mg/m³
 Consumer - Inhalation; Long term local effects: 0.025 mg/m³
 Consumer - Inhalation; Long term systemic effects: 0.025 mg/m³
 Consumer - Dermal; Short term local effects: 17.2 mg/cm²
 Consumer - Dermal; Short term systemic effects: 25 mg/kg
 Professional - Inhalation; Short term local effects: 0.1 mg/m³
 Professional - Inhalation; Short term systemic effects: 0.1 mg/m³
 Professional - Inhalation; Long term local effects: 0.05 mg/m³
 Professional - Inhalation; Long term systemic effects: 0.05 mg/m³
 Professional - Dermal; Short term local effects: 28.7 mg/cm²
 Professional - Dermal; Short term systemic effects: 50 mg/kg

PNEC

Fresh water; 1 mg/l
 marine water; 0.1 mg/l
 STP; 1 mg/kg

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. Avoid inhalation of vapours.

Personal protection

Wear protective clothing.

Eye/face protection

Tight-fitting safety glasses.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The breakthrough time for any glove material may be different for different glove manufacturers. Repeated exposure to chemicals will degrade the ability of the glove to provide resistance to chemicals. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should have a minimum thickness of 0.8 mm. Frequent changes are recommended. If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the "Barrier 02-100" underglove from Ansell (penetration time 480 min).

Other skin and body protection

Provide eyewash station. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.
 Short term Gas filter, type AX.
 Long term Wear self-contained breathing apparatus.

Thermal hazards

Not applicable

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Fluid
Colour	White.
Odour	Characteristic.
Odour threshold	Not available.
pH	Not available.
Melting point	Not determined.
Initial boiling point and range	208°C
Flash point	200°C Closed cup.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not available.
Vapour pressure	0 hPa @ 20°C
Vapour density	Not available.
Relative density	No information available.
Bulk density	1.5 g/cm ³
Solubility(ies)	Miscible with water.
Auto-ignition temperature	520°C
Decomposition Temperature	Not available.
Viscosity	140,000 mPas @ 20°C
Explosive properties	Not available.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not available.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Particle size	Not available.
Volatile organic compound	0%

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No information available
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions Reacts with oxidising agents

10.4. Conditions to avoid

Conditions to avoid No further relevant information available.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen. Toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Summary Based on available data the classification criteria are not met.

Acute toxicity - dermal

Summary Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Summary Based on available data the classification criteria are not met.

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 10.3

Species Rat

ATE inhalation (vapours mg/l) 10.3

ATE inhalation (dusts/mists mg/l) 10.3

Skin corrosion/irritation

Summary Causes skin irritation.

Serious eye damage/irritation

Summary Causes serious eye irritation.

Respiratory sensitisation

Summary May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitisation

Summary Contains isocyanates. May produce an allergic reaction.

Germ cell mutagenicity

Summary Based on available data the classification criteria are not met.

Carcinogenicity

Summary Suspected of causing cancer.

Reproductive toxicity

Summary Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary May cause respiratory irritation.

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Specific target organ toxicity - repeated exposure

Summary May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Summary Based on available data the classification criteria are not met.

Toxicological information on ingredients.

Diphenylmethane-4,4'-diisocyanate

Acute toxicity - inhalation

Acute toxicity inhalation 1.5
(LC₅₀ dust/mist mg/l)

Species Rat

ATE inhalation 1.5
(dusts/mists mg/l)

Methylene diphenyl diisocyanate (isomers and homologues)

Acute toxicity - inhalation

Acute toxicity inhalation 1.5
(LC₅₀ dust/mist mg/l)

Species Rat

ATE inhalation 1.5
(dusts/mists mg/l)

SECTION 12: Ecological information

Ecotoxicity No information available. Do not allow product to reach ground water, water course or sewage system.

12.1. Toxicity

Toxicity Not regarded as dangerous for the environment

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is non-volatile.

12.5. Results of PBT and vPvB assessment

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 None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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General information	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is preferred method of disposal.
Waste class	08 04 09*

SECTION 14: Transport information

General This product is not classified as Dangerous for Carriage

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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

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

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

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Issued by	Technical Department
Revision date	17/05/2021
Revision	6
Supersedes date	02/03/2020
SDS number	21906
Hazard statements in full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure.

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