

Material Safety Data Sheet (91/155/EEC)

Date: 22.1.99
Product Code: AD409

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1. Product and company information

Commercial product name: **Glue Screws Adhesive**

Supplier: Siroflex Ltd, Dodworth Business Park, Dodworth Barnsley S75 3SP, telephone: 01226 771600, facsimile: 01226 771601

Emergency phone: 01226 771600 (after working time) email to technical@siroflex.co.uk

2. Composition/information on ingredients

Chemical characterisation

<u>Ingredients</u>	<u>CAS nr.</u>	<u>EC No.</u>	<u>Weight-%</u>	<u>Symbol</u>	<u>R-phrases</u>
Polymers/resins and other additives			75-90		
Petroleum Distillates (<5% n-Hexane)	64742-49-0		to 100	F-Xn-N	11-51/53-65
Toluene	108-88-3	203-625-9	1-10	F,Xn	11-20

3. Hazard identification

Highly Flammable (R11)

4. First aid measures

<u>Contact with Skin:</u>	Do not use solvents to clean skin. Use a resin removing cream to clean skin, or wash with plenty of soap and water. Seek medical attention if irritation persists.
<u>Contact with Eyes:</u>	If substance has got into eyes, immediately wash out with plenty of water for several minutes. Seek immediate medical attention.
<u>Ingestion:</u>	Seek immediate medical attention. Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention.
<u>Inhalation:</u>	Remove patient to fresh air. Keep warm and at rest. Seek medical advice.

5. Fire fighting measures

Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.
In case of fire use foam, carbon dioxide or dry agent (S43)
Do not use water jets.
Substance evolves toxic fumes, wear self-contained breathing apparatus.

6. Accidental release measures

Shut off all ignition sources.
Do not allow to enter public sewers and watercourses.
Ventilate area.
Absorb spillage in suitable inert material.
Sweep or shovel-up spillage and remove to a safe place.
Use non-sparking hand tools.

7.1 Handling

Keep away from heat and sources of ignition.
When using do not eat, drink or smoke (S20/21)
Take precautionary measures against static discharges (S33)
Use only in well ventilated areas (S51)
Do not breathe vapour (S23)

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7.2 Storage

Store above 5 deg C
Do not store above 30 deg C
Keep in highly flammable materials store
Keep away from sources of ignition – No Smoking (S16)

8.1 Exposure controls and personal protection

In case of insufficient ventilation, wear suitable respiratory equipment (S38)
Wear suitable protective clothing, including eye/face protection and gloves (polythene are recommended)

8.2 Exposure limits

OES/LTEL 50 ppm

Constituent Exposure Limit

Polymers/resins and other additives: No exposure limits have been set for this substance.

Petroleum Distillates (<5% n-Hexane) Exposure limit (in house) 300 ppm

Toluene OES/LTEL 50 ppm
OES/STEL 150 ppm

9. Physical and chemical properties

Liquid, beige, paste, immiscible with water.
Highly flammable (R11)
Solvent odour
Boiling point 65 deg C to 111 deg C.
Flash point –16 deg c (CC)
Auto-ignition point not known
pH not applicable
Specific gravity 1.3 g/cm³
Vapour pressure not known
Insoluble in water
Viscosity 300,000 mPa.s
Vapour density (air = 1) 2-3

10. Stability and reactivity

Stable
No hazardous reactions known if used for its intended purpose
Keep away from organic peroxides
Insoluble in water

11. Toxicological information

Inhalation of solvent vapours may give rise to nausea, headache and dizziness.
May result in feeling of intoxication and can cause visual disturbance.
Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases dermatitis.

12. Ecological information

Volatile portion is biodegradable.
The dried residue is not readily biodegradable.
Sinks in water.

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13. Disposal considerations

Disposal should be in accordance with local, state or national legislation.
This material and/or its container must be disposed of as hazardous waste.
In UK, surplus product should be declared a 'Special Waste'. Refer to the 'Control of Pollution (Special Waste) Regulations 1980 – SI 1709'

14.1 Transport information

Proper shipping name Adhesive, UN 1133

UN No: 1133
Packing Group: III
Hazard Class: 3.2

Road/Rail (ADR/RID)
ADR UN No.: 1133
ADR Item No: 3,5°C
ADR Hazard Class: 3
ADR/RID No.:
Tremcard: TEC(R)595

Sea (IMDG)
IMDG UN No.: 1133
IMDG Page No: 3174
IMDG EmS: 3-05
IMDG Hazard Class: 3.2
IMDG Pack. Group: III
IMDG MFAG: 330

Air (ICAO/IATA)
ICAO UN No.: 1133
ICAO Packing Group: III
ICAO Hazard Class: 3

14.2 Transport Information

Packing Group III for transport by sea, road or rail by virtue of its high viscosity.

15. Regulatory information

The COSHH Regulations apply in the UK.
The Petroleum Storage Regulations apply in the UK.
The Environmental Protection Act applies in the UK.
The Safety Data Sheet does not constitute a workplace risk assessment.
The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents.
The data given here only applies when product used for proper application(s). The product is not sold at suitable for other applications – usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.
The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the products properties.

15.1 Risk Phrases

Highly Flammable (R11)

15.2 Safety Phrases

Keep away from sources of ignition – No Smoking (S16)
Wear suitable protective clothing and gloves (S36/37)
Do not breathe vapour (S23)
Use only in well ventilated areas (S51)
Keep container in a well ventilated place (S9)

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16. Other information

For intended use and applications see the Technical Data Sheet for the product.

If you have purchased the product for supply to a third party for use at work, it is your duty to secure that any person handling or using the product is provided with the information in this sheet.

If you are any employer, it is your duty to tell your employees, and other who may be affected, or any hazards described in this sheet, and of any precautions which should be taken.

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

NA : not applicable.

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