

EVO-STIK SAFETY DATA

Date: July 1998
Code: 02030/52

1. Identification of the Substance/Preparation and Company

EVO-STIK 528

Supplier: EVODE LTD
COMMON ROAD
STAFFORD ST16 3EH ENGLAND
Telephone: (01785) 257755 Emergency: (01785) 255141

2. Composition/Information on Ingredients

Toluene 30 -35% Symbols F Xn

R11 Highly Flammable

R20 Harmful by inhalation

Aliphatic hydrocarbon (mixed) 25-30% Symbol F Xn

R11 Highly Flammable

R65 Harmful: May cause lung damage if swallowed

Ethyl acetate 15-20% Symbol F

R11 Highly Flammable

Formaldehyde reaction products with butylphenol 1-5% Symbol Xi

R43 May cause sensitisation by skin contact

3. Hazards Identification

The solvent component is highly flammable and harmful by inhalation. A local build up of solvent vapour must be avoided. The product may cause skin sensitisation.

4. First Aid Measures

Inhalation: Provide patient with fresh air and seek medical advice.

Eye contact: Irrigate thoroughly with water and seek medical advice.

Skin contact: Wipe off excess with a paper towel, then clean with resin removing cream or hand cleanser. DO NOT use solvents. Finally wash with soap and water.

Ingestion: DO NOT induce vomiting. Seek medical advice.

5. Fire Fighting Measures

Use sand or earth to apply to the fire if there is a danger of spreading or flowing. Extinguish with foam or dry powder extinguisher.

DO NOT use water.

6. Accidental Release Measures

Ensure all possible sources of ignition are removed. Supply adequate ventilation. Keep away from drains and watercourses. Absorb on to sand or dry earth. Pick up with spark proof tools and place in a sealable metal container pending disposal.

12. Ecological Information

Contamination of terrestrial and marine environments should be avoided.

When the solvent has evaporated there is no residual hazard to the environment. The concentration of the solvent vapour in the atmosphere must meet any limits set in the Environmental Protection Act.

13. Waste Disposal

Waste adhesive comes within the scope of The Special Waste Regulations 1996.

Emptied containers and those containing scrap or spilt adhesive should be re-sealed or re-lidded so that the vapour is confined to the container. They should be stored as full containers. Disposal must be in accordance with regulations by an authorised company.

14. Transport Information

IMDG Code Class 3.1 UN 1133 ADR Class 3 5o(c)

Packing Group III

15. Regulatory Information

Classification in accordance with Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (CHIP):

Symbols F Xn

Contains toluene and formaldehyde reaction products with butylphenol

R11 Highly Flammable

R20 Harmful by inhalation

R43 May cause skin sensitisation by skin contact

S16 Keep away from sources of ignition - NO SMOKING

S51 Use only in well-ventilated areas

S3/7/9 Keep container tightly closed, in a cool, well ventilated place

S33 Take precautionary measures against static discharges

16. Other Information

This product should be used as directed by Evode Ltd. For further information consult the application data sheet or contact Technical Service Department.

This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials.

This Safety Data Sheet, in the CHIP format, supersedes all previous issues, and users are cautioned to ensure it is current. Destroy all previous data sheets, and if in any doubt, contact Evode Limited, quoting the number in the top right hand corner on the front of this document.



7. Handling and Storage

The adhesive must be used in accordance with the requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972 and stored in accordance with the Petroleum Regulations.

Avoid skin contact with the adhesive.

Avoid inhalation of vapour.

Avoid eye contact.

Avoid ingestion.

Store in sealed containers in a cool, dry place.

8. Exposure Controls/Personal Protection

Provide a safe form of extraction ventilation designed to remove as much of the solvent vapour as possible from the working environment and meet the requirements of Guidance Booklet EH40. The use of effective ventilation, during application and drying to prevent the risk of vapour inhalation by those in the vicinity, removes the requirement for personal protection, otherwise suitable masks must be used. If splashing is possible eye protection must be used. If skin contact is unavoidable suitable gloves etc to the relevant BSS must be used.

Occupational Exposure Standard Toluene	50ppm (8 hours)
	150ppm (15 minutes)
Ethyl acetate	400ppm (8 hours)

(Ref:EH40/96)

Occupational Exposure Limit Aliphatic hydrocarbon 400ppm
(Suppliers recommendation)

9. Physical and Chemical Properties *

Appearance : light tan moderately viscous liquid

Odour typical of organic solvent

Density approx 0.9 g/ml

Solids content approx 22%

Initial Boiling point (solvent) 67 °C

Flash Point -25 °C.

Lower Explosion Limit approx 1.5%

* These figures are typical and do not constitute a specification

10. Stability and Reactivity

Avoid temperatures above 30 °C.

Avoid oxidising agents and other highly combustible materials.

In a fire smoke, fume with carbon monoxide (CO) and dioxide (CO₂) will be generated.

11. Toxicological Information

Inhalation of the vapour in sufficient quantity can result firstly in apparent intoxication, followed by drowsiness, dizziness and nausea leading to eventual unconsciousness. Possible effects of long term excessive exposure are the risk of damage to liver and kidneys. The vapour also irritates the eyes and respiratory tract. Ingestion of the adhesive may cause nausea and vomiting leading to the risk of inhalation of vomit and a resulting pneumonia-like illness.

