



POLYPIPE BUILDING PRODUCTS LTD SAFETY DATA SHEET

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1. IDENTIFICATION

PRODUCT NAME: Polypipe Solvent Cement (Adhesive SC125, SC250, SC500)

SUPPLIER: POLYPIPE BUILDING PRODUCTS LTD
BROOMHOUSE LANE
DONCASTER
DN12 1ES

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The following information is based upon our current knowledge and experience of our products and is not exhaustive. It applies to the product range outlined above. The potential hazards identified, together with the recommended precautions for storage, handling and use, give the basic information for conducting workplace risk assessments and adequate control measures under the Control of Substances Hazardous to Health Regulations 1999 and Approved Code of Practice.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Butanone CAS No# 78-93-3 Content 60-100% Symbol : Xi Risk Phrases : R36, R66, R67

Cyclohexanone CAS No# 108-94-1 Content 5-10% Symbol : Xn Risk Phrases : R20

Tetrahydrofuran CAS No# 109-99-9 Content 5-10% Symbol: Xi Risk Phrases : R36/37

Sulphosuccinate Diester Solution Content 0-1% Symbol : Xi Risk Phrases : R36/38

Epoxy resin (No. Av MW <= 7 - 00) CAS No# 25068-38-6 Content 0-1% Symbol : Xi Risk Phrases :

R36/38, R43

Coconut Diethanolamide Content 0-1% Symbol : Xi Risk Phrases : R36/38

Propylene carbonate CAS No# 108-32-7 Content 0-1% Symbol: Xi R36 Irritating to eyes

3. HAZARDS IDENTIFICATION

Highly flammable. Irritating to the eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

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

Eye contact: Irrigate thoroughly with water and seek medical advice

Skin contact: Dry skin with paper towel or similar. Do not use solvents. Clean skin using resin removing cream or hand cleanser.

Finally wash with soap or water.

Ingestion: DO NOT induce vomiting - seek immediate medical attention

5. FIRE FIGHTING MEASURES

Extinguishing Media : Stop flow of material to fire. Use Sand or Earth. Fire can be extinguished using Foam

Or Powder. Do NOT use water

Hazardous Combustion Products : Fire or high temperatures can create toxic gases, fumes. Carbon Monoxide and Carbon Dioxide.

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6. ACCIDENTAL RELEASE MEASURES

Spill clean up methods : Extinguish all ignition sources. Avoid sparks, flashes, heat and smoking. Ventilate area. Absorb using vermiculite, dry sand or earth and place into containers. Pick up using spark proof tools and place in a sealable metal container pending disposal. Container should be labelled with the contents description.

7. HANDLING AND STORAGE

Usage Precautions :

This adhesive must be used in accordance with the requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972. Keep away from heat, sparks, and open flame. Avoid inhalation of vapours. Avoid spilling, skin and eye contact.

Storage Precautions :

Store in closed containers in a dry, ventilated place in the temperature range of 5 – 25C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Standard

Butanone 200ppm SK (8Hr TWA), 300ppm (15 min STEL)

Tetrahydrofuran 100ppm (8Hr TWA) 200ppm (15 min STEL)

Cyclohexanone 25ppm (8hr TWA)

[Ref:EH40/2001]

Maintain adequate ventilation

Avoid skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES *

Appearance: Viscous Liquid

Odour/Taste: Organic Solvents

Density: Approx 1g/ml

Flash Point (°C) -14

Boiling point:(solvent) 65°C to 110 deg C

Vapour pressure: 175mbar (20°C)

Solubility in water: Immiscible

Solids Content: Approx 23%

Specific Gravity Approx 0.9 g/ml

Boiling Point 65°C

* These figures are typical and do not constitute a specification

10. STABILITY AND REACTIVITY

Avoid temperatures above 30C. Incompatible with oxidising agents, concentrated nitric acid and sulphuric acid.

Materials to avoid: Strong oxidizing agents. Flammable/comb. Material

Hazardous Decomp. Products: Fire or high temperatures create: Toxic gases/vapours/fumes. Carbon monoxide (CO). Carbon Dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Inhalation: Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. Unconsciousness

Ingestion: Nausea, vomiting. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin: Prolonged or repeated contact leads to drying of skin.

Eyes: Irritating to eyes.

Health Warnings: Prolonged or repeated inhalation may cause: liver and/or kidney damage

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12. ECOLOGICAL INFORMATION

Contamination of both aquatic and terrestrial environments should be avoided. Once the solvent has evaporated there is no residual risk to the environment. The concentration of solvent vapour in the atmosphere must meet limits set in the Environmental Protection Act.

13. WASTE DISPOSAL

Disposal Methods: Waste product comes within the scope of The Special Waste Regulations 1996. Emptied containers and those containing scrap or spilt product should be re-sealed or re-lidded so that any vapour is confined to the container must meet limits set in the Environmental Protection Act.

14. TRANSPORT INFORMATION

General: This preparation is classified as Packing Group III due to the viscosity of the finished product. Ref. HSE Publication L88 (Section A part 4) approved requirements and test methods for the classification and packaging of dangerous goods for carriage – Carriage of Dangerous Goods (Classification and Labelling) and use of transportable Pressure Receptacles Regulations 1996.

Road Transport: UN No. Road: 1133
ADR Class No.: Class 3: Flammable liquids
Proper Shipping Name: Adhesive

15. REGULATORY INFORMATION

Labelling information : Highly Flammable, Irritant

Risk Phrases: R-11 Highly flammable
R-36 Irritating to eyes
R-66 Repeated exposure may cause skin dryness or cracking
R-67 Vapours may cause drowsiness and dizziness

Safety Phrases: S-2 Keep out of reach of children
S-9 Keep container in a well ventilated place
S-16 Keep away from sources of ignition – No Smoking
S-25 Avoid contact with eyes
S-26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice
S-46 If swallowed seek medical advice immediately and show this container label
S-51 Use only in well ventilated areas
S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection
S-56 Dispose of this material and its container at hazardous or special waste collection point

UK Regulatory References: Chemicals (Hazard Information & Packaging for Supply) Regulations 1994

16. OTHER INFORMATION

This product should be used as directed.
This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials.
This Safety Data Sheet, in CHIP format, supersedes all previous issues, and users are cautioned to ensure it is current as of March 2002.