

SAFETY DATA SHEET

PAGE: 1 of 3

PRINT DATE: 30/09/1997

REF: SSS500ML

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: SCREEN AND STENCIL SOLVENT
Product code: SSS500ML
Supplier: ELECTROLUBE
H.K. Wentworth Ltd.,
Wentworth House, Blakes Road,
Wargrave, Berkshire, RG10 8AW, United Kingdom.
Emergency telephone number: 0118 9404031 **Fax No:** 0118 9403084

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
TETRAHYDRO-2-FURYL METHANOL	97-99-4	202-625-6	Xi; R36	>70
1-METHOXY-2-PROPANOL	107-98-2	203-539-1	R10	<30

3. HAZARDS IDENTIFICATION

Most important hazards: Irritant
Specific hazards: Irritating to eyes. Solvents may degrease the skin. Prolonged skin contact may cause skin irritation and/or dermatitis.

4. FIRST AID MEASURES

General advice: Remove from exposure, lie down.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.
Skin contact: Wash off with soap and plenty of water
Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Consult a physician if necessary.
Ingestion: Drink plenty of water. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Extinguishing media which must not be used for safety reasons: Do not use water jet.
Specific hazards: Burning produces obnoxious and toxic fumes.
Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.
Specific methods: Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Environmental precautions: Do not flush into surface water or sanitary sewer system.
Methods for cleaning up: Soak up with inert absorbent material

7. HANDLING AND STORAGE

Handling: Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke.



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Storage: Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: TETRAHYDRO-2-FURYL METHANOL
1-METHOXY-2-PROPANOL

National occupational exposure limits:

Long term (8 hrs) = 100ppm/360mgm⁻³
Short term (15 min) = 300ppm/1080mgm⁻³

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protection equipment:

- **Respiratory protection:** not required under normal use
- **Hand protection:** solvent-resistant gloves (butylrubber)
- **Eye protection:** goggles / safety glasses with side-shields
- **Skin and body protection:** lightweight protective clothing / Lab coat

Hygiene measures: Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid
Colour: colourless
Odour: characteristic
Boiling point/range: > 100 °C
Melting point/range: < 0 °C
Flash point: 61 °C
Relative density: (20 °C) >= 1.025
Bulk density: 1025 kg/m³

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: Not applicable
Materials to avoid: Not applicable
Hazardous decomposition products: No decomposition if stored and applied as directed

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Not applicable
Local effects: Solvents may degrease the skin
Sensitization: Not applicable
Long term toxicity: Prolonged skin contact may cause skin irritation and/or dermatitis
Chronic toxicity: Not applicable

12. ECOLOGICAL INFORMATION

Mobility:
Persistence and degradability: Readily biodegradable, according to appropriate OECD test
Bioaccumulation:
Ecotoxicity effects:

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Do not dispose of waste into sewer. Contact the proper local authorities.
Contaminated packaging: In accordance with local and national regulations

Product name:

SCREEN AND STENCIL SOLVENT

PAGE: 3 of 3

PRINT DATE: 30/09/1997

REF: SSS500ML

14. TRANSPORT INFORMATION

Proper shipping name Not classified as dangerous in the meaning of transport regulations

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC

- **Contains:** Tetrahydro-2-furymethanol

- **Symbol(s):**



Xi - Irritant

R-phrase(s): R36 - Irritating to eyes.

S-phrase(s): S39 - Wear eye/face protection.

16. OTHER INFORMATION

Recommended use:

Recommended restrictions:

Revision number: 0

Further information: CN no. 38140090

Contact Name: Carolyn Booth

Department: Technical

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 unless specified in the text.

Technical Data Sheet



PRODUCT DESCRIPTION:	Screen & Stencil Solvent	DATE:	06/97
PRODUCT CODE:	SSS	PAGES:	1

PRODUCT DESCRIPTION

Electrolube's Screen & Stencil Solvent is an extremely effective cleaner which is classified as non-flammable. It exhibits excellent solder paste and adhesive removal. **SSS** is water rinseable and suitable for use in automated stencil cleaning equipment. **SSS** is available in bulk for use in automated systems and a 500ml trigger spray bottle for hand applications.

PRODUCT USE

SSS is classified as non-flammable, hence flame proof equipment is not required. The solution is highly effective at ambient temperatures thus keeping running costs to a minimum.

Electrolube's Screen & Stencil Solvent is non foaming and surfactant free which means that there is minimal re-deposition of solder particles onto stencils and screens. **SSS** maintains a high load of excess paste in suspension to enable a good level of filtration. This results in clean stencils and screens without excess deposits of solder particles on the base of the cleaning equipment, reducing down time and cost.

A short cleaning cycle of three minutes for light deposits and five minutes for heavy, aged deposits makes this material suitable for a high speed production environment.

Heating is not normally required, although the **Screen & Stencil Solvent** may be heated to 35-40°C with the appropriate equipment. No extraction is required under normal conditions.

FEATURES

- * Solvent based
- * Water rinseable
- * Non flammable
- * Biodegradable
- * Excellent cleaning of pastes and adhesives
- * Short cleaning cycle
- * Heating not required
- * Low odour
- * Extraction not required under normal conditions

TYPICAL PROPERTIES

Boiling Point	>100°C
Flash Point	61°C
Relative Density (20°C)	>= 1.025
Form	Liquid
Colour	Colourless

PACKAGING

25 Litre
500ml trigger spray

ORDER CODE

SSS25L
SSS500ML

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