

## TS141E

Resin Remover Gel is a special formulation of solvents that will soften and swell cured epoxy resins, allowing their removal from most surfaces.

### Key Properties

- Removal of encapsulations from high-value components and circuits
- Removal of accidental deposits of cured and uncured resins
- Non-flammable

### Description

- One-part system

### Typical Properties

Appearance	Colourless Gel
Boiling Point	12°C
Flashpoint	None
Specific Gravity	1.18 @ 20°C
VOC Content	96%
Flammability	Non-flammable

Contact: Technical Support on 01793 823741 or [support@robnor.co.uk](mailto:support@robnor.co.uk) for details.

### Approvals

RoHS compliant	Yes
UL94-V0	No
REACH (SVHC concentration)	Refer to SDS

### Application

A small area of the board should be selected (30 x 30mm); TS141E should then be applied using a brush or syringe.

TS141E will then start to attack the coating lifting it from the surface, after which the gel should be promptly rinsed off with deionised water. This method should be repeated until the required area is clean. TS141E contains dichloromethane so care must be taken when using this material. Refer to the material Safety Data Sheet for additional information.

TS141E will attack several plastics and remove component identification markings if prolonged exposure is permitted. If a possibly sensitive plastic is to be exposed to the gel, a sample area should be tested prior to full-scale usage. Penetration time varies according to the type of resin and hardener, degree of cure and nature of additives: however, 24 hours per ¼" (6mm) thickness is a good working guide. After the encapsulation has been completely penetrated by the solvent, it will soften and swell. It may then be peeled off with gloved hands or suitable tools.

### Operating Precautions

It should be remembered that many components used in electronic circuits include plastic parts, which may be attacked by the solvent. Containers used for the penetration process should be kept covered to minimize evaporation. While the solvent is not flammable, it does contain halogenated material the release of which into the atmosphere should be restricted as far as possible. Good workroom ventilation should be maintained.

TS141E should be stored in a cool place away from direct sunlight.

### Availability

Available through distribution [www.resins-online.com](http://www.resins-online.com) and [sales@robnor.co.uk](mailto:sales@robnor.co.uk)

### Part Numbers

TS141E/NC/1LT

## Storage and Shelf Life

Come within the Highly Flammable Liquids Regulations 1972 and the Petroleum Consolidated Act 1928.

This product contains flammable solvents and should therefore be stored in well-ventilated areas away from heat and naked flames and should be stored in sealed, dry containers. Recommended storage temperature is between 10°C and 25°C, under these storage conditions the shelf life of the product is 12 months.

## Health and Safety

Users should familiarise themselves with the Health and Safety information SC141E provided by the Company

## Copyright & Warranty - Robnor Resinlab Limited

The results and information above does not constitute a specification and is given in good faith and without warranty. The information is derived from test/or extrapolations believed to be reliable and is quoted for guidance only. The product is offered for evaluation on the understanding the customer satisfies himself that the product is suitable for the intended application by proper evaluation and testing.

## Contact Details

Robnor Resinlab Limited  
31 Athena Avenue  
Elgin Industrial Estate  
Swindon  
SN2 8EJ  
United Kingdom

Tel: +44 (0) 1793 823741  
Fax: +44 (0) 1793 827033  
Email: [support@robnor.co.uk](mailto:support@robnor.co.uk)  
Web: [www.robnor-resinlab.com](http://www.robnor-resinlab.com)  
Buy Online: [www.resins-online.com](http://www.resins-online.com) (UK only)