

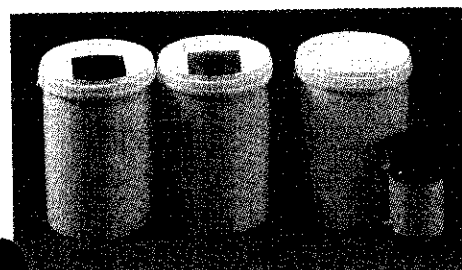
Epoxy Stripper

- A special formulation of solvents that will soften and swell cured epoxy resins
- Removes encapsulations from high value components and circuits to assist reclamation
- Ideal for removing accidental deposits of cured and uncured resins from production equipment such as tools, jigs, fixtures and machine parts
- Product is non-flammable
- Product contains Dichloromethane

S.S.M. = 1

size	stock no.	price each
5 litre	496-928	1-4 5-19 £28-20 £26-80

Silicone Rubber Compound



A range of silicone materials designed for use in electronic applications.

RS
Data
Sheet

RS Data Sheet No. K15555, July 93 is available on request. See complete sets of RS Data Sheets in the Technical Books Section.

Silicone Dielectric Gel

A two component, low viscosity silicone encapsulant specially designed to protect the electrical characteristics of electronic circuits.

Features :

- Transparent product cures in place to form a cushioning, self-healing gel like mass
- The cured gel retains the stress relief and self-healing qualities of a liquid
- Physical and electrical stability over a wide temperature range from -50°C to +200°C
- Permanent pressure sensitive adhesion to most materials without use of a primer
- Resistant to reversion, provides thermal/mechanical shock and vibration damping
- Due to hydrophobic properties it is suited for applications requiring long term sealing against moisture and other atmospheric contaminants

S.S.M. = 1 kit

colour	size	stock no.	price per kit
clear	1kg	494-950	1-4 5-19 £27-56 £24-82

Silicone Elastomer

Medium viscosity liquid silicone elastomer developed for potting and encapsulants.

- Transparent for ease of inspection
- Physical and electrical stability over a wide range of temperatures, frequencies and humidity
- Serviceable over a wide temperature range, -55°C to 200°C
- Good radiation resistance, mechanical protection and tensile strength
- Room temperature cure

Application :

- Designed for potting and encapsulating compounds to provide resilient environmental protection for equipment modules, relays, power supplies, amplifiers, transformers, ferrite cores, coils and connectors
- Ideal for encapsulation of circuit boards and components and as adhesives and encapsulants for solar cells
- Also used in automotive electronic applications

S.S.M. = 1 kit

colour	size	stock no.	price per kit
clear	450g	494-966	1-4 5-19 £23-10 £20-79

Silicone Elastomer Flame Retardant

A two part low viscosity liquid silicone elastomer developed for the general potting and encapsulation of electrical and electronic devices. Colour grey/black.

Features :

- Excellent flame retardancy UL94-VO and MIL-S-23586D
- Excellent reliability and reversion resistance, no depolarisation when exposed to temperatures ranging from -60°C to +200°C
- Excellent electrical properties

Applications :

- Ideal for potting and encapsulation of modules, relays, power supplies, amplifiers, transformers, ferrite cores and connectors
- Also used in the automobile electronic units, TV fly-back transformers and large lifting magnet
- Ideal where fast room temperature cure is required

S.S.M. = 1 kit

colour	size	stock no.	price per kit
black/grey 1kg		494-972	1-4 5-19 £23-60 £21-24

Finding a Stock Number

Looking for a particular Stock Number ?

The 'Stock Number Index' at the back of this catalogue lists all current stock numbers and those which have been replaced or discontinued during the last year.

'Superseded by' indicates an item equivalent to the original. Our Technical Helpline 0536-402888 will be pleased to offer detailed advice on these or suitable alternatives to discontinued products.

Coating/Lacquers Protective Coatings Modified Silicone Conformal Coating



Modified silicone conformal coatings specially formulated for the protection of electronic circuitry to meet defence and aerospace industry requirements.

Typical features:

- Once cured, it is resistant to a wide range of solvents, lubricants and cooling fluids
- Excellent resistance to mould growth UV light and to prolonged tropical exposure/salt spray
- Good dielectric properties (90kV/mm)
- Low oxygen permeability
- Provides excellent in-service protection for circuitry and PCB's at a typical coating thickness of 0.001-0.002in

Available in two types: **Red and transparent.**

The black can be used to camouflage and protect delicate circuit boards. It is also fluorescent under UV light, aiding subsequent inspection.

Cure schedules for the red

- 2 hours at room temperature followed by 2 hours at 90°C
- 4 hours at 100°C gives full IPA protection
- 24 hours at 100°C gives full 1.1.1 trichloroethane protection
- Operating temperature: -70°C to +200°C

Cure schedules for the transparent

- 3 hours at room temperature
- 2 hours at room temperature, followed by 4 hours at 100°C (for IPA protection)
- For ultimate properties 24 hours at 100°C
- Operating temperature: -70°C to +300°C
- The transparent conformal coating has the following approval DEF STAN 59/47 issue 4 and UL 746C-QMJ92

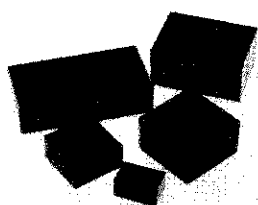
S.S.M. = 1

	stock no.	price each
	1-11 12-35	
200ml aerosol transparent	494-714	1-4 5-19 £5-95 £5-65
200ml aerosol red	831-141	1-4 5-19 £5-26 £4-90

RS
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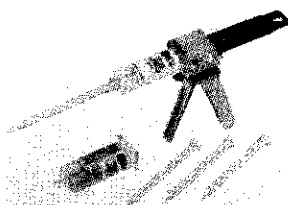
RS Data Sheet No. 017733, July 94 is available on request. See complete sets of RS Data Sheets in the Technical Books Section.

See also Potting Boxes



On page 2-1174, Part 2.

See also Adhesive Dispensing System



On page 3-1877, Part 3.

See also Aerosol Paints



On page 3-2086, Part 3.