

MG CHEMICALS Silicones, Epoxies, and Kits



GE RTV SILICONES

Their primary uses are for adhering, bonding part together; sealing out moisture, environmental contaminants and UV; insulating against mechanical stress, vibration and the effects of thermal cycling; providing electrical protection; and for formed-in-place gasketing (FIPG).

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Type	Color	Features	Price Each	
						1	5
590-RTV102-85ML	RTV102-85ML	85 mL 2.8 oz, Tube	Paste	White	High Performance	11.11	10.02
590-RTV103-85ML	RTV103-85ML	85 mL 2.8 oz, Tube	Paste	Black	High Performance	11.16	10.05
590-RTV106-85ML	RTV106-85ML	85 mL 2.8 oz, Tube	Non-Conductive Paste	Red	High Temperature	44.70	42.43
590-RTV108-85ML	RTV108-85ML	85 mL 2.8 oz, Tube	Paste	Translucent	High Temperature	10.28	9.27
590-RTV112-85ML	RTV112-85ML	85 mL 2.8 oz, Tube	Flowable	White	High Performance/Strength	50.40	43.90
590-RTV118-85ML	RTV118-85ML	85 mL 2.8 oz, Tube	Flowable	Translucent	High Temperature	46.70	44.66
590-RTV167-85ML	RTV167-85ML	85 mL 2.8 oz, Tube	Paste	Gray	High Strength	70.39	67.29
590-RTV230-274ML	RTV230-274ML	274ml (9.2oz) 2 Component Cartridge	Thixotropic Paste	White	High Performance, Fast Cure	41.78	37.67
590-RTV5818-300ML	RTV5818-300ML	300mL (10 oz), Cartridge	Non-Conductive Paste	Translucent	Fast Cure, High Strength	23.17	21.71
590-RTV162-85ML	RTV162-85ML	85 mL 2.8 oz, Tube	Non-Conductive Paste	White	Mil Spec & UL recognized	39.56	34.88
590-RTV11-1P	RTV11-1P	1 pint, 1 lb.	Flowable-SS4155 Primer Req.	White	Potting High Voltage App	95.36	92.09
590-RTV12A-1G	RTV12A-1G	9.5 lbs, Pail	Base	Clear	Low Viscosity, RTV12C Req	507.73	437.80
590-RTV615-1P	RTV615-1P	1 pint, 1 lb kit	Flowable	Clear	Two-Part, SS4120 Required	240.00	229.27
590-RTV615-1G	RTV615-1G	1 gallon, 10 lbs. kit	Flowable	Clear	Two-Part, SS4120 Required	982.69	907.57
590-RTV630-1P	RTV 630-1P	1 pint, 1 lb kit	Two-Part, Non-Corrosive	Blue	High Strength, use w/SS4155	181.55	173.45
590-RTV88-1P	RTV88-1P	1 pint, Pail	Paste	Red	Extreme High Temp, two part	143.20	136.83
590-RTV60-1P	RTV60-1P	1 pint, Pail	Pourable Paste	Red	Extreme High Temp, two part	143.20	136.83
590-RTV60-1G	RTV60-1G	1 gallon, Pail	Pourable Paste	Red	Extreme High Temp, two part	1555.91	1341.57
590-TSE3331-2QT	TSE3331-2QT	2 quart, 4 lbs. kit	Two-Part	Dark Gray	Therm Conductive, Flame-Ret	506.72	436.92

ENCAPSULATING AND POTTING EPOXY COMPOUNDS

Protects sensitive components from impact, vibration, heat, shock, conductivity, moisture, chemicals, and analysis.

- Features:**
- Non-conductive
 - Water and chemical resistant
- Features:**
- Type: 832B and 832C-General Purpose, 832FRB-Flame Retardant, 832-TC-Thermally Conductive

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Color	Price Each	
				1	5
590-832B-375ML	832B-375ML	375ml (12 oz)	Black	28.95	27.50
590-832B-3L	832B-3L	3L (.8 gal)	Black	125.00	121.88
590-832C-375ML	832C-375ML	375ml (12 oz)	Clear	25.92	24.62
590-832C-3L	832C-3L	3L (.8 gal)	Clear	119.99	117.00
590-832FRB-375ML	832FRB-375ML	375ml (12 oz)	Black	32.95	31.30
590-832-TC-450ML	832-TC-450ML	450ml (16 oz)	Black	32.95	31.30



PROTOTYPING KITS

Professional Etching Process Kit: 416E

Etches copper clad circuits professionally. Accommodates two 8" x 12" 2-sided CCBs

- Includes:**
- 7 litre heavy duty Polyethylene etching tank
 - Sturdy mounting bracket
 - Clear acrylic lid
 - Heavy duty air pump
 - 3-way adjustable airline manifold
 - Triple line sparging unit
 - 200 watt side mounting immersion heater w/ quartz element and adjustable temperature control
 - Adhesive digital thermometer
 - Bag of vinyl gloves
 - Complete instructions
 - Maximum board thickness: .062"
 - Contains no chemical products



Etching Process Kit: 416E

Economy Etching Process Kit: 416-ES

Ideal for Students and hobbyists. Accommodates two 8" x 9" 2-sided CCBs

- Includes:**
- 5 litre etching tank
 - Air pump and tubing
 - Sparging unit
 - Vinyl gloves
 - Complete instructions
 - Contains no chemical products



Economy Etching Process Kit: 416-ES

Exposure Kit: 416-X

Convenient kit includes major components required to expose presensitized copper-clad boards.

- Includes:**
- Exposure Tube
 - Clear acrylic weight for artwork
 - Fluorescent light fixture w/ stand (brackets)
 - Complete instructions



Exposure Kit: 416-X

MOUSER STOCK NO.	MG Chemicals Part No.	Description	Price Each
590-416E	416-E	Professional Etching Process Kit	163.33
590-416ES	416-ES	Economy Etching Kit	39.95
590-416X	416-X	Exposure Kit	39.95

THERMAL MANAGEMENT GREASES AND LUBRICANTS

Lubricate and protect connections from moisture and corrosion. Formulated to improve electrical and thermal conductivity.



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Type	Price Each	
				1	5
590-846-80G	846-80G	80g (5 oz) Tube	Carbon Conductive Grease	12.95	12.30
590-8461-85ML	8461-85ML	85ml (3 oz) Liquid Tube	White Lithium Grease	8.95	8.50
590-8462-85ML	8462-85ML	85ml (3 oz) Liquid Tube	Translucent Silicone Grease	12.95	12.30
590-860-150G	860-150G	150g (5 oz) Tube	Silicone Heat Transfer Compound	14.95	14.20

SUPER SHIELD CONDUCTIVE COATING

A general purpose EMI/RFI shielding spray for use on plastic electronics enclosures. Consists of a tough, durable acrylic base pigmented with a high purity nickel flake. Surface resistance of approximately 0.7 Ω.

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Price Each
590-841-340G	841-340G	Aerosol 340g (12 oz)	31.95



LUBRICANTS

Super Penetrating

Use when you need a lubricant that cleans, protects, and lubricates. Protects against rusting and corrosion. Penetrates rusted nuts and bolts for easy removal. Drives out moisture and safe on plastics and metals. Contains contact and vapor phase inhibitors that prevent corrosion in both operating and idle conditions, even in very humid atmospheres.

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Price Each	
			1	5
590-8472-125G	8472-125G	125g (4.4 oz)	4.94	4.70



Nutrol Control Cleaner

Cleans and lubricates controls, locks, hinges, selector switches, office equipment, power tools, clock mechanisms, and delicate mechanical equipment. Fast dry. Safe on plastics.

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Price Each	
			1	5
590-401B-140G	401B-140G	Aerosol 140G (5 oz)	6.94	6.07
590-401B-340G	401B-340G	Aerosol 340G (12 oz)	11.95	11.35



TOUCH PUMP SOLVENT DISPENSER

- Easy twist-lock for safe storage
- Convenient drop-at-a-time dispensing
- This pump features a high-density polyethylene 8 oz. bottle suitable for many solvents.
- Compact design provides stability and saves storage space.
- Dispenser is also wide opening and allows for easy fill.
- Translucent bottles allow for easy viewing of contents.

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Description	Size	Price Each	
				1	5
590-8232-8	8232-8	Touch and Go Pump	237ml (8 oz)	14.95	14.21

EPOXIES

Silver Conductive Epoxy

This two part silver epoxy offers high electrical conductivity and strong conductive bonding. Use in place of traditional soldering on heat sensitive components. Good for repairing defective traces and creating jumpers on boards.

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Price Each	
			1	5
590-8331-14G	8331-14G	Two 7G syringes, 3ml each	25.95	24.65



High Temperature Epoxy Encapsulating & Potting Compound

Use in electronic assemblies to prevent vibration damage. Encapsulate circuits for the purpose of technological protection.

590-832HT-375ML	832HT-375ML	Liquid 375ml (12 oz)	34.22	32.00
590-832HT-3L	832HT-3L	Liquid 3L (0.8 gal)	147.94	144.25



Fast Set Epoxy

Provides 2300 psi bonding strength to paper, wood, metal, and ceramics. It gives good resistance to water, salt spray, inorganic acids and bases, & most organic solvents. Easy 1:1 mixing ratio. Fast setting (5 minutes).

For quantities of 10 and up, call for quote.

590-8332-25ML	8332-25ML	Dual Syringe 25ml (1 oz)	6.94	6.60
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