



Prototyping

WHO IS BUYING PROTOTYPING MATERIALS?

4 Education institutes

Secondary schools

Post secondary schools

4 Technical institutes

4 Engineers

Automotive

Aerospace

Electronics

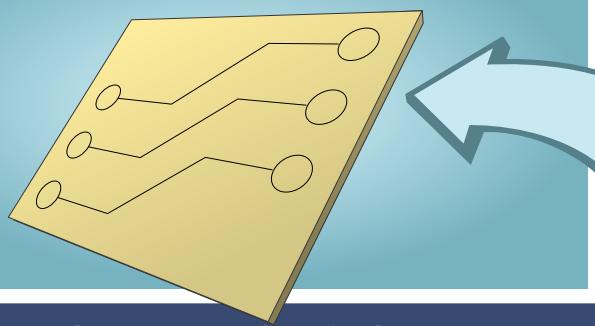
4 Hobbyists



WHAT IS PROTOTYPING?

It is the process of creating your own circuitboard. Computer generated artwork defines the copper traces on the resulting board, making virtually any design possible.

COMPLETED BOARD



E-mail :: salesusa@mgchemicals.com

Phone

1-800-201-8822 Ext. 130

Fax

1-604-888-3084 Ext. 130

1-604-888-7754

1-800-708-9888

Visit

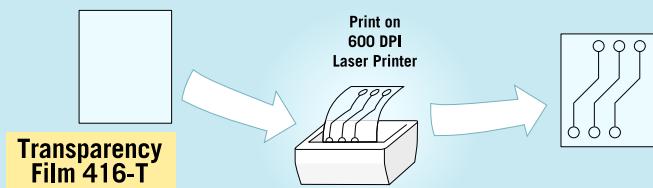
www.mgchemicals.com

For technical specifications,
MSDS, tech support and more

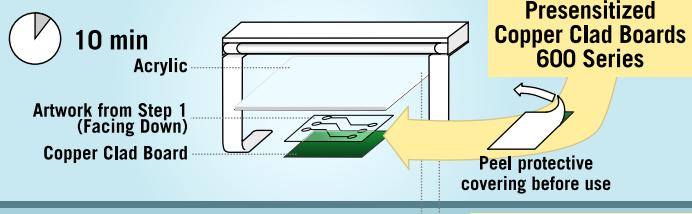
ISO 9001 Registered

THE PROCESS

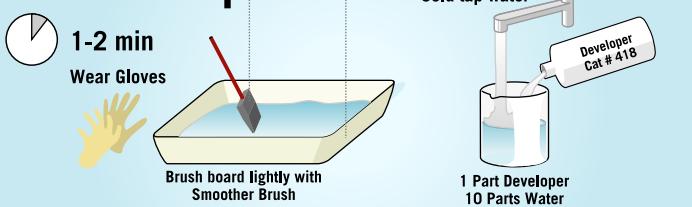
1 Create Artwork



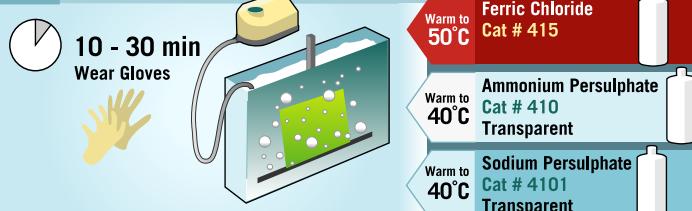
2 Expose



3 Develop



4 Etch





Merchandise Guide

Prototyping Kits



Boards

1 / 16"



Prototyping Chemicals



Prototyping Accessories



| Stock Code | Product Name | Form | Case Qty |
|------------|-------------------------------|------|----------|
| 416-K | Photofabrication Kit | Kit | 1 |
| 416-X | Exposure Kit | Kit | 1 |
| 416-ES | Etching Process Kit - Student | Kit | 1 |
| 416-E | Premium Etching Kit | Kit | 1 |

| Stock Code | Product Name | Size | Form | Case Qty |
|------------|--|-------|------|----------|
| 503 | Single Sided Copper Clad Board | 3X5 | CCB | 5 |
| 506 | Single Sided Copper Clad Board | 4X6 | CCB | 5 |
| 509 | Single Sided Copper Clad Board | 6X6 | CCB | 5 |
| 512 | Single Sided Copper Clad Board | 6X9 | CCB | 5 |
| 515 | Single Sided Copper Clad Board | 8X10 | CCB | 5 |
| 550 | Double Sided Copper Clad Board | 6X6 | CCB | 5 |
| 555 | Double Sided Copper Clad Board | 12X12 | CCB | 5 |
| 603 | Single Sided Copper Clad Board Presensitized | 3X5 | CCB | 5 |
| 606 | Single Sided Copper Clad Board Presensitized | 4X6 | CCB | 5 |
| 609 | Single Sided Copper Clad Board Presensitized | 6X6 | CCB | 5 |
| 612 | Single Sided Copper Clad Board Presensitized | 6X9 | CCB | 5 |
| 630 | Single Sided Copper Clad Board Presensitized | 8X12 | CCB | 5 |
| 650 | Double Sided Copper Clad Board Presensitized | 6X6 | CCB | 5 |
| 660 | Double Sided Copper Clad Board Presensitized | 6X9 | CCB | 5 |

Developer

| Stock Code | Product Name | Size | Form | Case Qty |
|------------|--------------|-------|--------|----------|
| 418-500ML | Developer | 17 oz | Liquid | 10 |

Ferric Chloride Copper Etchants

| Stock Code | Product Name | Size | Form | Case Qty |
|------------|--|----------|--------|----------|
| 415-115G | Ferric Chloride Powder, makes one pint | 4 oz | Powder | 5 |
| 415-500ML | Ferric Chloride Solution | 17 oz | Liquid | 10 |
| 415-1L | Ferric Chloride Solution | 33 oz | Liquid | 6 |
| 415-4L | Ferric Chloride Solution | 1 gallon | Liquid | 1 |

Sodium Persulphate Copper Etchant

| Stock Code | Product Name | Size | Form | Case Qty |
|------------|--------------------|----------|----------|----------|
| 4101-1KG | Sodium Persulphate | 2.2 lbs. | Crystals | 6 |

Ammonium Persulphate Copper Etchant

| Stock Code | Product Name | Size | Form | Case Qty |
|------------|----------------------|----------|----------|----------|
| 410-1KG | Ammonium Persulphate | 2.2 lbs. | Crystals | 6 |

Liquid Tin

| Stock Code | Product Name | Size | Form | Case Qty |
|------------|--------------|-------|--------|----------|
| 421-500ML | Liquid Tin | 17 oz | Liquid | 4 |

| Stock Code | Product Name | Size | Form | Case Qty |
|------------|-----------------------------------|-----------|--------|----------|
| 416-T | Transparency Film, 5 Per Envelope | | Sheets | 1 |
| 416-RP | Etch Resist Pen | | Pen | 2 |
| 8420-P | Silver Print - Conductive Pen | 8.5 grams | Pen | 2 |
| 842-20G | Silver Print | 20 grams | Liquid | 1 |
| 843-250G | Silver Coated Copper Print - Bulk | 250 grams | Liquid | 1 |
| 840-20G | Nickel Print | 20 grams | Liquid | 5 |

Refer to website www.mgchemicals.com/prototyping for more prototyping products

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