

# Researcher Chemistry SDS's

## SMFL SDS Listing - Approved Imported Chemistry

This is a listing of SMFL Approved Chemistry for the various research projects.

If your chemical is not on the list, under your group - it has not been cleared for use and may not be released or brought into the lab.

You can find the [SMFL Imported Chemical Form](#) here

| Researcher        | Chemical                                  | Manufacturer   | Rev      | SDS Link             |
|-------------------|---|----------------|----------|----------------------|
| ASI Semiconductor | Nichrome etchant                          | Transene       | 5/1/19   | <a href="#">SDS</a>  |
|                   |   |                |          |                      |
| Carter            | Dextran                                   | MP Biomedicals | 1/29/15  | <a href="#">SDS</a>  |
| Carter            | SU8 3010 Photoresist                      | Microchem      | 10/15/14 | <a href="#">SDS</a>  |
| Carter            | Sylgard 184 Silicone                      | Dow Corning    | 2/17/15  | <a href="#">SDS</a>  |
| Carter            | Sylgard 184 Silicone Curing Agent         | Dow Corning    | 3/19/16  | <a href="#">SDS</a>  |
|                   |   |                |          |                      |
| Ewbank            | 8250 Photoresist                          | Arch/Fuji      | 1/12/00  | <a href="#">MSDS</a> |
| Ewbank            | APX K1                                    | Brewer         | 1/21/15  | <a href="#">SDS</a>  |
| Ewbank            | ARC iCon 16                               | Brewer         | 7/26/18  | <a href="#">SDS</a>  |
| Ewbank            | ARC iCon 7                                | Brewer         | 7/26/18  | <a href="#">SDS</a>  |
| Ewbank            | AZ 9260 Photoresist                       | AZ             | 4/5/15   | <a href="#">SDS</a>  |
| Ewbank            | Butyl Acrylate                            | Sigma Aldrich  | 3/13/15  | <a href="#">SDS</a>  |
| Ewbank            | Darocur/Igracure 1173 Photoinitiator      | Ciba/BASF      | 7/8/14   | <a href="#">SDS</a>  |
| Ewbank            | Ethylene Glycol                           | Sigma Aldrich  | 2/26/15  | <a href="#">SDS</a>  |
| Ewbank            | Gamma-Hydroxybutyric acid lactone         | Sigma Aldrich  | 6/24/14  | <a href="#">SDS</a>  |
| Ewbank            | IRGAzure 651                              | Ciba/BASF      | 4/30/15  | <a href="#">SDS</a>  |
| Ewbank            | Isobornyl acrylate                        | Sigma Aldrich  | 11/27/14 | <a href="#">SDS</a>  |
| Ewbank            | Propylene glycol monomethyl ether acetate | Sigma Aldrich  | 12/11/14 | <a href="#">SDS</a>  |
| Ewbank            | ProTEK B3 25                              | Brewer         | 7/13/15  | <a href="#">SDS</a>  |
| Ewbank            | ProTEK B3 25 Primer                       | Brewer         | 4/21/15  | <a href="#">SDS</a>  |
| Ewbank            | TSMR-iN008 PM Photoresist                 | TOK            | 1/1/06   | <a href="#">MSDS</a> |
| Ewbank            | WS 3543                                   | Indium         | 10/3/14  | <a href="#">SDS</a>  |
|                   |   |                |          |                      |
| Fuller            | Carbon Standard Organic                   | Ricca          | 5/1/15   | <a href="#">SDS</a>  |
| Fuller            | PI-2556 Polyimide                         | HD Micro       | 5/7/15   | <a href="#">SDS</a>  |
|                   |   |                |          |                      |
| Gaborski          | SU8 Developer                             | Microchem      | 10/28/11 | <a href="#">SDS</a>  |
| Gaborski          | SU8 3010 Photoresist                      | Microchem      | 10/15/14 | <a href="#">SDS</a>  |
| Gaborski          | BARLI-II 90                               | AZ             | 4/5/15   | <a href="#">SDS</a>  |
| Gaborski          | AQUATAR COATING                           | AZ             | 7/8/15   | <a href="#">SDS</a>  |
|                   |   |                |          |                      |
| Hirschman         | 512B - Spin on Glass                      | Honeywell      | 8/25/15  | <a href="#">SDS</a>  |
| Hirschman         | Accuglass P112 SOG                        | Honeywell      | 11/19/14 | <a href="#">SDS</a>  |
| Hirschman         | Adhesion Promoter AP3000                  | Dow            | 5/4/15   | <a href="#">SDS</a>  |
| Hirschman         | B150X - Boron Spin on Dopant              | Honeywell      | 1/5/15   | <a href="#">SDS</a>  |
| Hirschman         | B75X - Boron Spin on Dopant               | Honeywell      | 1/5/15   | <a href="#">SDS</a>  |
| Hirschman         | BDC1 - Boron Dopant Coating               | Futurrex       | 1/31/18  | <a href="#">SDS</a>  |
| Hirschman         | Cyclotene 3022                            | Dow Chemical   | 5/4/15   | <a href="#">SDS</a>  |

|                 |  |                        |          |                     |
|-----------------|--|------------------------|----------|---------------------|
| Hirschman       | Developer RD6                                      | Futurrex               | 1/21/19  | <a href="#">SDS</a> |
| Hirschman       | INTERVIA PHOTODIELECTRIC 8023-10                   | Rohm & Haas            | 8/29/19  | <a href="#">SDS</a> |
| Hirschman       | mr-DWL 40 Photoresist                              | Microresist Technology | 2/12/16  | <a href="#">SDS</a> |
| Hirschman       | NR9g-1500PY Photoresist                            | Futurrex               | 1/13/16  | <a href="#">SDS</a> |
| Hirschman       | PDC5 - Phosphorous Dopant Coating                  | Futurrex               | 1/31/18  | <a href="#">SDS</a> |
| Hirschman       | P5S - Spin on Glass                                | Honeywell              | 10/24/14 | <a href="#">SDS</a> |
| Hirschman       | Remover RR5  | Futurrex               | 1/29/14  | <a href="#">SDS</a> |
| Hirschman       | SUEX TDFS Dry Resist                               | DJ Devcorp             | 9/30/15  | <a href="#">SDS</a> |
|                 |  |                        |          |                     |
| Hubbard         | Ammonium Sulfide                                   | Alfa Aesar             | 10/9/12  | <a href="#">SDS</a> |
| Hubbard         | AZ 300 MIF Developer                               | Clariant               | 9/19/12  | <a href="#">SDS</a> |
| Hubbard         | AZ 5214 Photoresist                                | Clariant               | 4/17/15  | <a href="#">SDS</a> |
| Hubbard         | Iodic Acid   | Beantown Chemicals     | 6/22/15  | <a href="#">SDS</a> |
| Hubbard         | KMPR 1005 Photoresist                              | Microchem              | 4/19/12  | <a href="#">SDS</a> |
| Hubbard         | KMPR 1010 Photoresist                              | Microchem              | 4/19/12  | <a href="#">SDS</a> |
| Hubbard         | LOR 10A  | Microchem              | 10/7/14  | <a href="#">SDS</a> |
| Hubbard         | Microposit S1813 Photoresist                       | Dow / Rohm& Haas       | 7/22/15  | <a href="#">SDS</a> |
| Hubbard         | Potassium Sodium Tartrate Tetrahydrate             | Sigma Aldrich          | 1/20/15  | <a href="#">SDS</a> |
| Hubbard         | Sylgard 184 Silicone                               | Dow Corning            | 2/17/15  | <a href="#">SDS</a> |
| Hubbard         | Sylgard 184 Silicone Curing Agent                  | Dow Corning            | 3/19/16  | <a href="#">SDS</a> |
|                 |  |                        |          |                     |
| Hubbard         | Arsine   | Matheson               | 12/4/14  | <a href="#">SDS</a> |
| Hubbard         | Disilane   | Matheson               | 3/14/14  | <a href="#">SDS</a> |
| Hubbard         | Forming Gas (5% H <sub>2</sub> in N <sub>2</sub> ) | Matheson               | 10/26/15 | <a href="#">SDS</a> |
| Hubbard         | Hydrogen   | Matheson               | 3/14/14  | <a href="#">SDS</a> |
| Hubbard         | Phosphine  | Matheson               | 12/10/12 | <a href="#">SDS</a> |
| Hubbard         | Trimethylgallium (TMGa)                            | Dow/SAFC Hitec         | 4/20/15  | <a href="#">SDS</a> |
| Hubbard         | Triethylgallium (TEGa)                             | Dow/SAFC Hitec         | 8/1/14   | <a href="#">SDS</a> |
| Hubbard         | Trimethylindium (TMIn)                             | Dow/SAFC Hitec         | 12/11/15 | <a href="#">SDS</a> |
| Hubbard         | Trimethylaluminum (TMAI)                           | Dow/SAFC Hitec         | 3/16/15  | <a href="#">SDS</a> |
| Hubbard         | Tertiarybutylaluminum (TTBAI)                      | Dow/SAFC Hitec         | 5/26/16  | <a href="#">SDS</a> |
| Hubbard         | Triethylantimony                                   | Dockweiler Chemicals   | 1/20/16  | <a href="#">SDS</a> |
| Hubbard         | Trimethylantimony                                  | Dow/SAFC Hitec         | 4/21/14  | <a href="#">SDS</a> |
| Hubbard         | Tertiarybutylarsine                                | Dockweiler Chemicals   | 6/5/15   | <a href="#">SDS</a> |
| Hubbard         | Carbontetrachloride                                | Dow/SAFC Hitec         | 4/9/15   | <a href="#">SDS</a> |
| Hubbard         | Diethyltelluride                                   | Dow/SAFC Hitec         | 8/14/14  | <a href="#">SDS</a> |
|                 |  |                        |          |                     |
| Koppula         | SU8-3025 Photoresist                               | MicroChem              | 10/15/14 | <a href="#">SDS</a> |
|                 |  |                        |          |                     |
| Kurinec         | Accuglass T-11 SOG                                 | Honeywell              | 4/23/14  | <a href="#">SDS</a> |
| Kurinec         | AZ 1518 Photoresist                                | AZ                     | 10/16/13 | <a href="#">SDS</a> |
| Kurinec         | Toluene  | Sigma Aldrich          | 2/25/14  | <a href="#">SDS</a> |
|                 |  |                        |          |                     |
| Landi           | 495 PMMA Resist                                    | Microchem              | 10/10/14 | <a href="#">SDS</a> |
| Landi           | Microposit S1813 Photoresist                       | Dow / Rohm&Haas        | 7/22/15  | <a href="#">SDS</a> |
|                 |  |                        |          |                     |
| Lapizco-Encinas | SU8 2-25 Photoresist                               | MicroChem              | 10/15/14 | <a href="#">SDS</a> |

|                  |  |                        |          |                     |
|------------------|--|------------------------|----------|---------------------|
| Lapizco-Encinas  | SU8 3050 Photoresist                       | MicroChem              | 10/15/14 | <a href="#">SDS</a> |
| Lapizco-Encinas  | SU8 Developer                              | MicroChem              | 10/28/11 | <a href="#">SDS</a> |
| Lapizco-Encinas  | Sylgard 184 Silicone                       | Dow Corning            | 2/17/15  | <a href="#">SDS</a> |
| Lapizco-Encinas  | Sylgard 184 Silicone Curing Agent          | Dow Corning            | 3/19/16  | <a href="#">SDS</a> |
|                  |  |                        |          |                     |
| Lu               | Teflon AF                                  | DuPont                 | 5/27/15  | <a href="#">SDS</a> |
| Lu               | Ethanol                                    | Sigma Aldrich          | 7/9/15   | <a href="#">SDS</a> |
| Lu               | SU8 2050 Photoresist                       | MicroChem              | 10/15/14 | <a href="#">SDS</a> |
|                  |  |                        |          |                     |
| MicroE           | APX-K1 Adhesion Promoter                   | Brewer                 | 1/21/15  | <a href="#">SDS</a> |
| MicroE           | Borofilm B100 Spin on Dopant               | Emulsitone             | 5/1/15   | <a href="#">SDS</a> |
| MicroE           | B150 Boron Spin on Dopant                  | Filmtronics            | 10/1/15  | <a href="#">SDS</a> |
| MicroE           | P509 Phosphorous Spin on Dopant            | Filmtronics            | 10/1/15  | <a href="#">SDS</a> |
| MicroE           | P8545SF Phosphorous Spin on Dopant         | Filmtronics            | 3/26/18  | <a href="#">SDS</a> |
| MicroE           | Phosphorofilm                              | Emulsitone             | 5/1/15   | <a href="#">SDS</a> |
| MicroE           | mr-DWL 5 Photoresist                       | Microresist Technology | 2/12/16  | <a href="#">SDS</a> |
| MicroE           | ma-N 1400 Negative Tone Photoresist        | Microresist Technology | 6/11/15  | <a href="#">SDS</a> |
| MicroE           | ma-N 2400 Negative Tone Photoresist        | Microresist Technology | 6/11/15  | <a href="#">SDS</a> |
| MicroE           | PMGI SF 13                                 | MicroChem              | 3/26/15  | <a href="#">SDS</a> |
| MicroE           | ProTEK B3 21                               | Brewer                 | 7/13/15  | <a href="#">SDS</a> |
| MicroE           | ProTEK B3 25                               | Brewer                 | 7/13/15  | <a href="#">SDS</a> |
| MicroE           | ProTEK B3 Primer                           | Brewer                 | 4/21/15  | <a href="#">SDS</a> |
|                  |  |                        |          |                     |
| Mosheni          | ELASTOSIL RT 601 A                         | Wacker                 | 9/14/18  | <a href="#">SDS</a> |
| Mosheni          | ELASTOSIL RT 601 B                         | Wacker                 | 9/14/18  | <a href="#">SDS</a> |
|                  |  |                        |          |                     |
| nBn Technologies | AZ-P4110 Photoresist                       | AZ                     | 4/3/15   | <a href="#">SDS</a> |
| nBn Technologies | Citric Acid                                | Alfa Aesar             | 9/3/13   | <a href="#">SDS</a> |
| nBn Technologies | Developer RD6                              | Futurrex               | 1/21/19  | <a href="#">SDS</a> |
| nBn Technologies | Edge Bead Remover EBR2                     | Futurrex               | 4/30/15  | <a href="#">SDS</a> |
| nBn Technologies | IC1-200 - Dielectric Coating               | Futurrex               | 1/31/18  | <a href="#">SDS</a> |
| nBn Technologies | NR1-6000PY Photoresist                     | Futurrex               | 4/30/15  | <a href="#">SDS</a> |
| nBn Technologies | NR7-1000PY Photoresist                     | Futurrex               | 4/30/15  | <a href="#">SDS</a> |
| nBn Technologies | NR74G-1000P Photoresist                    | Futurrex               | 1/21/16  | <a href="#">SDS</a> |
| nBn Technologies | NR9g-1000PY Photoresist                    | Futurrex               | 5/1/15   | <a href="#">SDS</a> |
| nBn Technologies | NR9g-1500PY Photoresist                    | Futurrex               | 1/10/19  | <a href="#">SDS</a> |
| nBn Technologies | NR9-8000 Photoresist                       | Futurrex               | 5/1/15   | <a href="#">SDS</a> |
| nBn Technologies | PR1-1000A1 Photoresist                     | Futurrex               | 1/21/19  | <a href="#">SDS</a> |
| nBn Technologies | Remover RR41                               | Futurrex               | 1/21/19  | <a href="#">SDS</a> |
| nBn Technologies | Remover RR5                                | Futurrex               | 1/29/14  | <a href="#">SDS</a> |
| nBn Technologies | Spin on Glass - Zn                         | Desert Silicon         | 3/28/18  | <a href="#">SDS</a> |
| nBn Technologies | Sodium Hypochlorite                        | Science Company        | 4/15/15  | <a href="#">SDS</a> |
| nBn Technologies | Photopolymerization Accel - AN-910-E       | Spectra Group Limited, | 2/23/15  | <a href="#">SDS</a> |
| nBn Technologies | Visible/UV light Photoinitiator - H-Nu 470 | Spectra Group Limited, | 2/18/15  | <a href="#">SDS</a> |
| nBn Technologies | Photoacid generator - H-Nu 254             | Spectra Group Limited, | 11/21/17 | <a href="#">SDS</a> |
| nBn Technologies | Zinc Phosphorus Dopant ZPDC2-2000          | Futurrex               | 1/23/18  | <a href="#">SDS</a> |
|                  |  |                        |          |                     |

|                  |                                   |                        |          |                      |
|------------------|-----------------------------------|------------------------|----------|----------------------|
| Ninkov           | Acetic Acid Glacial               | Sigma Aldrich          | 6/27/14  | <a href="#">SDS</a>  |
|                  |                                   |                        |          |                      |
| Olles            | Ammonium Fluoride                 | Anachemica             | 2/27/16  | <a href="#">SDS</a>  |
| Olles            | TEOS                              | Acros                  | 5/21/14  | <a href="#">SDS</a>  |
| Olles            | Bismuth(III) nitrate pentahydrate | Beantown Chemical      | 11/24/14 | <a href="#">SDS</a>  |
|                  |                                   |                        |          |                      |
| Orthogonal       | Orthogonal Developer 100          | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | Orthogonal Developer 103          | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | Orthogonal Developer 110          | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | Orthogonal Stripper 310           | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | Orthogonal Stripper 610           | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | Orthogonal Stripper 700           | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | Orthogonal Stripper 900           | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | OSCoR 1510 Photoresist            | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | OSCoR 2312 Photoresist            | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | OSCoR 4000 Photoresist            | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | OSCoR CP Photoresist              | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | Orthogonal Solution 900           | Orthogonal             |          | <a href="#">MSDS</a> |
| Orthogonal       | AZ 100 Remover                    | AZ                     | 4/13/15  | <a href="#">SDS</a>  |
| Orthogonal       | AZ 300 MIF Developer              | AZ                     | 9/19/12  | <a href="#">SDS</a>  |
| Orthogonal       | AZ 1512 Photoresist               | AZ                     | 10/16/13 | <a href="#">SDS</a>  |
| Orthogonal       | AZ nLOF 2020 Photoresist          | AZ                     | 4/17/15  | <a href="#">SDS</a>  |
|                  |                                   |                        |          |                      |
| PCB Piezotronics | Ti Tungsten Etch                  | Transene               | 4/1/16   | <a href="#">SDS</a>  |
|                  |                                   |                        |          |                      |
| Preble           | 495 PMMA Resist                   | Microchem              | 10/10/14 | <a href="#">SDS</a>  |
| Preble           | Espacer 300Z                      | Showa Denko            | 3/1/09   | <a href="#">MSDS</a> |
| Preble           | Fox Flowable Oxide                | Dow Corning            | 8/21/15  | <a href="#">SDS</a>  |
| Preble           | IM HM140 Spin on Carbon           | Irresistable Materials | 2/24/15  | <a href="#">SDS</a>  |
| Preble           | ma-N 1405 Photoresist             | Micro Resist           | 6/11/15  | <a href="#">SDS</a>  |
| Preble           | ma-N 2401 Photoresist             | Micro Resist           | 6/11/15  | <a href="#">SDS</a>  |
| Preble           | MIBK:IPA Developer 1:3            | Microchem              | 9/8/2011 | <a href="#">SDS</a>  |
| Preble           | SU8-2002 Photoresist              | Microchem              | 10/15/14 | <a href="#">SDS</a>  |
| Preble           | SU8 Developer                     | Microchem              | 10/28/11 | <a href="#">SDS</a>  |
| Preble           | SurPass 3000                      | DisChem                | 4/15/14  | <a href="#">SDS</a>  |
| Preble           | XR-1541-004 E-Beam Resist         | Dow Corning            | 8/19/15  | <a href="#">SDS</a>  |
| Preble           | IM HM140 Spin on Carbon           | Irresistable Materials | 2/24/15  | <a href="#">SDS</a>  |
|                  |                                   |                        |          |                      |
| Raisanen         | Teflon AF                         | DuPont                 | 5/27/15  | <a href="#">SDS</a>  |
|                  |                                   |                        |          |                      |
| Rommel           | 950 PMMA Resist                   | Microchem              | 10/10/14 | <a href="#">SDS</a>  |
| Rommel           | Adhesion Promoter AP 3000         | Dow                    | 2/22/11  | <a href="#">SDS</a>  |
| Rommel           | Citric Acid                       | Alfa Aesar             | 9/3/13   | <a href="#">SDS</a>  |
| Rommel           | Cyclotene 3022                    | Dow                    | 5/4/15   | <a href="#">SDS</a>  |
| Rommel           | Hexid Heat Transfer Fluid         | Edwards                | 1/1/13   | <a href="#">SDS</a>  |
| Rommel           | LOR 5A Photoresist                | MicroChem              | 10/17/14 | <a href="#">SDS</a>  |
| Rommel           | Mesitylene                        | Alfa Aesar             | 1/23/15  | <a href="#">SDS</a>  |

|           |                                 |                        |          |                     |
|-----------|---------------------------------|------------------------|----------|---------------------|
| Rommel    | XR-1541-004 E-Beam Resist       | Dow                    | 4/27/15  | <a href="#">SDS</a> |
|           |                                 |                        |          |                     |
| Sahin     | SU8 2000 Thinner - Cyclopentone | MicroChem              | 7/2/13   | <a href="#">SDS</a> |
|           |                                 |                        |          |                     |
| Schertzer | Fluorinert FC40                 | Sigma Aldrich          | 11/12/14 | <a href="#">SDS</a> |
| Schertzer | Nafion D521                     | Alfa Aesar             | 3/18/13  | <a href="#">SDS</a> |
| Schertzer | PFC1600V                        | Cytonix                | 5/16/17  | <a href="#">SDS</a> |
| Schertzer | PFC160                          | Cytonix                | 5/23/16  | <a href="#">SDS</a> |
| Schertzer | Polymer Microspheres            | Bangs                  | 5/19/15  | <a href="#">SDS</a> |
| Schertzer | SU8-2001 Photoresist            | Microchem              | 10/15/14 | <a href="#">SDS</a> |
| Schertzer | SU8 3005 Photoresist            | Microchem              | 10/15/14 | <a href="#">SDS</a> |
| Schertzer | Teflon AF                       | Dupont                 | 5/27/15  | <a href="#">SDS</a> |
|           |                                 |                        |          |                     |
| SimPore   | Boron Doped B Series SOG        | Desert Silicon         | 4/6/16   | <a href="#">SDS</a> |
| SimPore   | ProTEK B3 25                    | Brewer                 | 7/13/15  | <a href="#">SDS</a> |
| SimPore   | ProTEK B3 Primer                | Brewer                 | 4/21/15  | <a href="#">SDS</a> |
| SimPore   | PSE-200                         | Transene               | 4/1/16   | <a href="#">SDS</a> |
| SimPore   | PSE-300S/F                      | Transene               | 7/1/13   | <a href="#">SDS</a> |
| SimPore   | Microposit S1813 Photoresist    | Dow                    | 10/28/11 | <a href="#">SDS</a> |
| SimPore   | SU8 Developer                   | Microchem              | 10/28/11 | <a href="#">SDS</a> |
|           |                                 |                        |          |                     |
| Triton    | AZ MIR701 Photoresist           | AZ                     | 9/4/15   | <a href="#">SDS</a> |
| Triton    | AZ P4400 Photoresist            | AZ                     | 12/31/14 |                     |
| Triton    | AZ 400 K 4:1 Developer          | AZ                     | 9/5/14   | <a href="#">SDS</a> |
| Triton    | LOR 7B                          | Microchem              | 4/19/12  | <a href="#">SDS</a> |
| Triton    | MF 321 Developer                | Dow / Rohm & Haas      | 4/26/15  | <a href="#">SDS</a> |
| Triton    | TDMR-AR5300                     | TOK                    | 8/1/14   | <a href="#">SDS</a> |
|           |                                 |                        |          |                     |
| UCSD      | AZ P4620 Photoresist            | AZ                     | 8/13/15  | <a href="#">SDS</a> |
|           |                                 |                        |          |                     |
| Wan       | SU8 2015 Photoresist            | Microchem              | 10/15/14 | <a href="#">SDS</a> |
|           |                                 |                        |          |                     |
| Xerox     | CT-2000                         | Fuji                   |          |                     |
| Xerox     | SB-4000                         | Fuji                   |          |                     |
| Xerox     | SG-4000                         | Fuji                   |          |                     |
| Xerox     | SR-4000                         | Fuji                   |          |                     |
|           |                                 |                        |          |                     |
| Zhang     | Silver Nitrate                  | Cascade Silver Company | 1/1/15   | <a href="#">SDS</a> |
| Zhang     | Sodium Dodecyl Sulfate          | Affymetrix             | 4/21/15  | <a href="#">SDS</a> |
| Zhang     | Styrene                         | TCI America            | 8/18/15  | <a href="#">SDS</a> |