

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION  
MIL-I-46058  
INSULATING COMPOUND, ELECTRICAL  
(FOR COATING PRINTED CIRCUIT ASSEMBLIES)  
GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-I-46058. Listing of a product is not intended to and does not connote indorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY RESEARCH LABORATORY. The activity designated as agent for all contacts relative to this QPL is the Defense Electronics Supply Center (DESC-ELS), Dayton, OH 45444-5764.

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION<br>OR TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE                        | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|
| Type AR                   | Conap CE-1170<br>Conap CE-1171                  | 46058-140-81<br>46058-141-81                                 | Conap, Inc.                                   |
| Type AR                   | B-576                                           | 46058-285-89                                                 | Distributed by: Dupont Electronics            |
| Type AR                   | 984-LVF<br>984-TC                               | 46058-576-90                                                 | Dymax Corp.                                   |
| Type AR                   | HPA                                             | 46058-562-90                                                 | Electrolube, Ltd.                             |
| Type AR                   | Unicoat UV 7920<br>Unicoat UV 7900              | 46058-389-91<br>46058-617-91                                 | Emerson & Cuming, Inc.                        |
| Type AR                   | 1B73<br>1B73-AP<br>1B73-EPA<br>1B31-EPA         | 46058-369-76<br>46058-360-76<br>46058-269-92<br>46058-270-92 | Humiseal Division (1)                         |
| Type AR                   | 1B31<br>1B31-LOC<br>1B73-LOC                    | 46058-112-88<br>46058-397-94<br>46058-398-94                 | Humiseal Division (2)                         |
| Type AR                   | PC20M, PC20-35M                                 | 46058-870-78                                                 | Hysol Division                                |
| Type AR                   | Product 393<br>Product 394                      | 46058-424-90<br>46058-425-93                                 | Loctite Corp. (1)                             |
| Type AR                   | Lite Fast™ 3010-M                               | 46058-441-93                                                 | MLT/Micro-Lite Technology                     |
| Type AR                   | UVCC-10 B565<br>UVCC-11 B566                    | 46058-1065-87<br>46048-1066-87                               | Westinghouse Electric Corp.                   |

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Type ER                   | B-576                                                                                                                                                                                                                                                                                                                | 46058-285-89                                                                                                                                                                                                                 | Distributed by: Dupont Electronics            |
| Type ER                   | 984-LVF<br>984-TC                                                                                                                                                                                                                                                                                                    | 46058-576-90                                                                                                                                                                                                                 | Dymax Corp.                                   |
| Type ER                   | 1A37<br>2A53                                                                                                                                                                                                                                                                                                         | 46058-266-92<br>46058-397-73                                                                                                                                                                                                 | Humiseal Division (1)                         |
| Type ER                   | PC12-007M<br><br>PC16M<br><br>PC17M                                                                                                                                                                                                                                                                                  | 46058-1092-73<br>46058-848-74<br>46058-1093-73<br>46058-849-74<br>46058-1094-73<br>46058-851-74                                                                                                                              | Hysol Division                                |
| Type ER                   | ENV1BAR, UV1244T                                                                                                                                                                                                                                                                                                     | 46058-979-85                                                                                                                                                                                                                 | Union Carbide Corp. (1)                       |
| Type ER                   | UVCC-10 B565<br>UVCC-11 B566                                                                                                                                                                                                                                                                                         | 46058-1065-87<br>46058-1066-87                                                                                                                                                                                               | Westinghouse Electric Corp.                   |
| Type SR                   | 1-2577<br>Q1-2620<br>1-2577UVI<br>Q1-2620UVI<br>X1-4010                                                                                                                                                                                                                                                              | 46058-385-91<br>46058-385-91<br>46058-206-79<br>46058-421-88<br>46058-411-90                                                                                                                                                 | Dow Corning Corp. (1)                         |
| Type SR                   | 3140 RTV with 1204 Primer                                                                                                                                                                                                                                                                                            | 46058-369-91                                                                                                                                                                                                                 | Dow Corning Corp. (2)                         |
| Type SR                   | UNICOAT S-7001<br>UNICOAT S-7003                                                                                                                                                                                                                                                                                     | 46058-163-90<br>46058-277-90                                                                                                                                                                                                 | Emerson & Cuming, Inc.                        |
| Type SR                   | ECC400<br>ECC443<br>ECC450<br>ECC453<br>SR-900                                                                                                                                                                                                                                                                       | 46058-303-90<br>46058-304-90<br>46058-305-90<br>46058-305-90<br>46058-306-90                                                                                                                                                 | General Electric Co.                          |
| Type SR                   | 1C47<br>1C49<br>1C51                                                                                                                                                                                                                                                                                                 | 46058-409-90                                                                                                                                                                                                                 | Humiseal Division (1)                         |
| Type SR                   | SWS-T-81                                                                                                                                                                                                                                                                                                             | 46058-717-81                                                                                                                                                                                                                 | SWS Silicones Corp.                           |
| Type UR                   | APTEK 2503 A/B<br>2503-A/B High Solids                                                                                                                                                                                                                                                                               | 46058-95-91                                                                                                                                                                                                                  | Aptek Laboratories, Inc.                      |
| Type UR                   | CE-1155 Parts A & B<br>CE-1155-35 Parts A & B<br>CE-1155 with AD-1146-C<br>CE-1155 with AD-1147-C<br>CE-1164<br>CE-1164 with AD-1146-C<br>CE-1164 with AD-1147-C<br>CE-1165 Parts A & B<br>CE-1165 with AD-1146-C<br>CE-1165 with AD-1147-C<br>CE-1175<br>CE-1175 with AD-1146-C<br>CE-1175 with AD-1147-C<br>CA-072 | 46058-408-73<br>46058-409-73<br>46058-541-90<br>46058-541-90<br>46058-410-73<br>46058-541-90<br>46058-541-90<br>46058-138-81<br>46058-541-90<br>46058-541-90<br>46058-981-87<br>46058-541-90<br>46058-541-90<br>46058-541-90 | Conap, Inc.                                   |
| Type UR                   | B-576                                                                                                                                                                                                                                                                                                                | 46058-285-89                                                                                                                                                                                                                 | Distributed by: Dupont Electronics            |
| Type UR                   | Multi-Cure 984, 984-F,<br>984-LVF, 984-RF, 984-TC                                                                                                                                                                                                                                                                    | 46058-356-88<br>46058-576-90                                                                                                                                                                                                 | Dymax Corp.                                   |
| Type UR                   | Unicoat UV 7900                                                                                                                                                                                                                                                                                                      | 46058-617-91                                                                                                                                                                                                                 | Emerson & Cuming, Inc.                        |

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| Type UR                   | Uralane 5750 A/B(LV)                                                           | 46058-248-92<br>46058-80-93                                                     | Furane Products                               |
| Type UR                   | Glyptal C-2077A                                                                | 46058-386-88                                                                    | Glyptal, Inc.                                 |
| Type UR                   | 1A33<br>2A64<br>1A33-EPA                                                       | 46058-399-73<br>46058-370-76<br>46058-267-92                                    | Humiseal Division (1)                         |
| Type UR                   | 1A20<br>1A34<br>1A33-EPA                                                       | 46058-113-88<br>46058-120-88<br>46058-399-94                                    | Humiseal Division (2)                         |
| Type UR                   | PC18M<br><br>PC29M                                                             | 46058-1096-73<br>46058-852-74<br>46058-1098-73<br>46058-850-74<br>46058-1208-87 | Hysol Division                                |
| Type UR                   | Product 394                                                                    | 46058-425-93                                                                    | Loctite Corp. (1)                             |
| Type UR                   | Product 361                                                                    | 46058-206-92                                                                    | Loctite Corp. (2)                             |
| Type UR                   | UVCC-10 B565<br>UVCC-11 B566                                                   | 46058-1065-87<br>46048-1066-87                                                  | Westinghouse Electric Corp.                   |
| Type XY                   | Galaxyl C                                                                      | 46058-388-89                                                                    | Distributed by: Para Tech Coating             |
| Type XY                   | Parylene C<br>Parylene N<br>Parylene D<br>Parylene E<br>Parylene C Fluorescent | 46058-232-84<br>46058-677-73<br>46058-678-73<br>46058-1144-84<br>46058-222-92   | Union Carbide Corp. (2)                       |
| Type XY                   | diX C                                                                          | 46058-101-92                                                                    | Uniglobe Kisco, Inc.                          |

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                | CAGE<br>CODE | MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                                                                                                 | CAGE<br>CODE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Aptek Laboratories<br>28170 Crocker Avenue, Suite 205<br>Valencia, CA 91355<br>Plant: Same Address                                                                                                       |              | Humiseal Division<br>Chase Corporation<br>26-60 Brooklyn-Queens Expwy, W.<br>99109<br>Woodside, NY 11377-0445<br>Plants: 1. Same Address<br>2. 128 First Street<br>Blownox, PA 15238                                                                                                      |              |
| Conap, Inc.<br>1405 Buffalo Street<br>Olean, NY 14706<br>Plant: Same Address                                                                                                                             | 16245        | Hysol Division<br>The Dexter Corporation<br>211 Franklin Street<br>Olean, NY 14760<br>Plant: Same Address                                                                                                                                                                                 |              |
| Dow Corning Corporation<br>3901 South Saginaw Road<br>Midland, MI 48640<br>Plants: 1. 2200 W. Salzburg Rd.<br>Aubrun, MI 48611<br>2. Highway 62<br>Elizabethtown, KY                                     | 71984        | Loctite Corporation<br>705 North Mountain Road<br>Newington, CT 06111<br>05972<br>Plants: 1. Same Address<br>2. P.O. Box 669<br>Sabana Grande, PR 00747                                                                                                                                   |              |
| Distributed by:<br>Dupont Electronics<br>P.O. Box 80711<br>Wilmington, DE 19880-0711<br>Manufactured by:<br>Westinghouse Electric Corp.<br>Electrical Materials Division<br>Route 993<br>Manor, PA 15665 |              | MLT/Micro-Lite Technology<br>6009 E. Sanford Circle<br>Mesa, AZ 85215-9998<br>Plant: 3635 S. 16th Street, Bldg.<br>Phoenix, AZ 85040                                                                                                                                                      |              |
| Dymax Corp.<br>51 Greenwoods Road<br>Torrington, CT 06790<br>Plant: Same Address                                                                                                                         | 46733        | Distributed by:<br>Para Tech Coating<br>35 Argonaut<br>Aliso Viejo, CA 92656                                                                                                                                                                                                              |              |
| Electrolube, Ltd.<br>Blakes Road, Wargrove<br>Berkshire, RG10 8AW, England<br>Plant: Kingsbury Park<br>Midland Road<br>Swadlincote, Derbyshire<br>England                                                |              | Manufactured by:<br>Technipol S.r.L.<br>via Taramelli, 26<br>20124 Milano, Italy<br>Plant: Piazzale G. Donegani, 12<br>44100 Ferrara, Italy                                                                                                                                               |              |
| Emerson & Cuming, Inc.<br>77 Dragon Court<br>Woburn, MA 01888-4014<br>Plant: 869 Washington Street<br>Canton, MA 02021                                                                                   | 04552        | SWS Silicones Corporation<br>P.O. Box 428, Sutton Road<br>Adrian, MI 49221<br>Plant: Same Address                                                                                                                                                                                         |              |
| Furane Products<br>Ciba-Geigy Corporation<br>5121 San Fernando Road, W.<br>Los Angeles, CA 90039<br>Plant: Same Address                                                                                  | 99384        | Uniglobe Kisco, Inc.<br>709 Westchester Avenue<br>White Plains, NY 10604<br>Plant: Daisan Kasei Co., Ltd.<br>50-5 Goi Minami-Kaigan<br>Ichihara City, Chiba, Japan                                                                                                                        |              |
| General Electric Company<br>Silicone Products Division<br>Waterford Road<br>Waterford, NY 12188<br>Plant: Same Address                                                                                   | 01139        | Union Carbide Corporation<br>Specialties Services Business Group<br>Coating Materials Department<br>5707 West Minnesota Street<br>Indianapolis, IN 46241<br>Plant:s 1. 240 Foster Avenue<br>P.O. Box 806<br>Bensenville, IL<br>2. One River Road<br>P.O. Box 670<br>Bound Brook, NJ 08805 |              |
| Glyptal, Inc.<br>305 Eastern Avenue<br>Chelsea, MA 02150<br>Plant: Same Address                                                                                                                          | 65313        | Westinghouse Electric Corp.<br>Insulating Materials Division<br>Route 993<br>Manor, PA 15665<br>Plant: Same Address                                                                                                                                                                       |              |