**Specification Details:** **Date: 7/3/2023**

Specification: MIL-I-46058
Title: Insulating Compound, Electrical (for Coating Printed Circuit Assemblies)
Federal Supply Class (FSC): 5970
Conventional: Yes
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: No
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Electronic Devices Branch, DLA Land and Maritime - VQE
Primary Qualifying Activity Contact: 614-692-0627, e-mail: vqe.ls@dla.mil
Secondary Qualifying Activity Contact: 614-692-9567, e-mail: vqe.sw@dla.mil

**Notes:**

Effective 30 November 1998, MIL-I-46058C, has been declared "Inactive for New Design" with no superseding specification. This is applicable on all acquisitions to which MIL-I-46058 is applied.

**Part Configuration:**

Listed only as material type.

**PART LISTINGS**

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|
| Type AR | 7503 LM-A/B | 46058-060-96 | Aptek Laboratories |
| Type AR | 7503 LM-PMF | 46058-060-96 | Aptek Laboratories |
| Type AR | 7504 LM-A/B | 46058-060-96 | Aptek Laboratories |
| Type AR | 7504 LM-PMF | 46058-060-96 | Aptek Laboratories |
| Type AR | 903 | 46058-2156-08 | Dymax Corporation |
| Type AR | 903-E | 46058-2927-11 | Dymax Corporation |
| Type AR | 905 | 46058-1599-07 | Dymax Corporation |
| Type AR | 905-LV | 46058-1599-07 | Dymax Corporation |
| Type AR | 9-20557 | 46058-1599-07 | Dymax Corporation |
| Type AR | 9-20557-LV | 46058-1599-07 | Dymax Corporation |
| Type AR | 9481 | 46058-2156-08 | Dymax Corporation |
| Type AR | 9481-E | 46058-2927-11 | Dymax Corporation |
| Type AR | 9482 | 46058-3798-14 | Dymax Corporation |
| Type AR | 9483 | 46058-5583-19 | Dymax Corporation |
| Type AR | 9771 | 46058-6450-22 | Dymax Corporation |
| Type AR | 984-LVF | 46058-656-03 | Dymax Corporation |
| Type AR | 984-LVUF | 46058-656-03 | Dymax Corporation |
| Type AR | 984-TC | 46058-656-03 | Dymax Corporation |
| Type AR | 987 | 46058-1934-08 | Dymax Corporation |
| Type AR | CE-1170 | 46058-140-81 | ELANTAS PDG, Inc. (Olean) |
| Type AR | CE-1171 | 46058-141-81 | ELANTAS PDG, Inc. (Olean) |
| Type AR | Beltron PL 1102 | 46058-3516-13 | ELANTAS PDG, Inc. (St. Louis) |
| Type AR | High Perfomance Acrylic (HPA) | 46058-1682-06 | H. K. Wentworth, Ltd. |
| Type AR | PC20M | 46058-3682-13 | Henkel Electronic Materials, LLC |
| Type AR | 1B31 | 46058-112-88 | HumiSeal Europe, Ltd. |
| Type AR | 1B31-EPA | 46058-270-92 | HumiSeal Europe, Ltd. |
| Type AR | 1B31-LOC | 46058-397-94 | HumiSeal Europe, Ltd. |
| Type AR | 1B31S | 46058-1093-05 | HumiSeal Europe, Ltd. |
| Type AR | 1B73 | 46058-369-76 | HumiSeal Europe, Ltd. |

| PART LISTINGS | | | |
|---|---|---|---|
| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
| Type AR | 1B73-AP | 46058-360-76 | HumiSeal Europe, Ltd. |
| Type AR | 1B73-EPA | 46058-269-92 | HumiSeal Europe, Ltd. |
| Type AR | UV40 | 46058-1666-07 | HumiSeal Europe, Ltd. |
| Type AR | UV40-LV | 46058-1667-07 | HumiSeal Europe, Ltd. |
| Type AR | 1B31 | 46058-112-88 | HumiSeal North American Sales |
| Type AR | 1B31-EPA | 46058-270-92 | HumiSeal North American Sales |
| Type AR | 1B31-LOC | 46058-397-94 | HumiSeal North American Sales |
| Type AR | 1B31S | 46058-1093-05 | HumiSeal North American Sales |
| Type AR | 1B73 | 46058-369-76 | HumiSeal North American Sales |
| Type AR | 1B73-AP | 46058-360-76 | HumiSeal North American Sales |
| Type AR | 1B73-EPA | 46058-269-92 | HumiSeal North American Sales |
| Type AR | 1B73-LOC | 46058-398-94 | HumiSeal North American Sales |
| Type AR | UV40 | 46058-1666-07 | HumiSeal North American Sales |
| Type AR | UV40-LV | 46058-1667-07 | HumiSeal North American Sales |
| Type ER | 903 | 46058-2156-08 | Dymax Corporation |
| Type ER | 905 | 46058-1599-07 | Dymax Corporation |
| Type ER | 905-LV | 46058-1599-07 | Dymax Corporation |
| Type ER | 9-20557 | 46058-1599-07 | Dymax Corporation |
| Type ER | 9-20557-LV | 46058-1599-07 | Dymax Corporation |
| Type ER | 9481 | 46058-2156-08 | Dymax Corporation |
| Type ER | 984-LVF | 46058-656-03 | Dymax Corporation |
| Type ER | 984-LVUF | 46058-656-03 | Dymax Corporation |
| Type ER | 984-TC | 46058-656-03 | Dymax Corporation |
| Type ER | 2A53 | 46058-397-73 | HumiSeal North American Sales |
| Type SR | DOWSIL 1-4010 Conformal Coating | 46058-014-98 | Dow Silicones Corporation (Auburn, MI) |
| Type SR | DOWSIL 3140 RTV Coating with PR-1204 Primer | 46058-285-89 | Dow Silicones Corporation (Auburn, MI) |
| Type SR | DOWSIL 3-1944 RTV Coating | 46058-1090-05 | Dow Silicones Corporation (Auburn, MI) |
| Type SR | DOWSIL 3-1953 Conformal Coating | 46058-1091-05 | Dow Silicones Corporation (Auburn, MI) |
| Type SR | DOWSIL 3-1965 Conformal Coating | 46058-1092-05 | Dow Silicones Corporation (Auburn, MI) |
| Type SR | DOWSIL 3140 RTV Coating | 46058-013-98 | Dow Silicones Corporation (Elizabethtown, KY) |
| Type SR | DDOWSIL 1-2620 Dispersion | 46058-001-98 | Dow Silicones Corporation (Midland, MI) |
| Type SR | DOWSIL 1-2577 Conformal Coating | 46058-001-98 | Dow Silicones Corporation (Midland, MI) |
| Type SR | DOWSIL 1-2577 Low VOC Conformal Coating | 46058-001-98 | Dow Silicones Corporation (Midland, MI) |
| Type SR | DOWSIL 1-2620 Low VOC Conformal Coating | 46058-001-98 | Dow Silicones Corporation (Midland, MI) |
| Type SR | 1C49 | 46058-409-90 | HumiSeal North American Sales |
| Type SR | 1C49-LV | 46058-937-05 | HumiSeal North American Sales |
| Type SR | 1C51 | 46058-409-90 | HumiSeal North American Sales |
| Type UR | 2503 A/B | 46058-95-91 | Aptek Laboratories |
| Type UR | 2503-A/B High Solids | 46058-95-91 | Aptek Laboratories |
| Type UR | 2512-A/B | 46058-3809-13 | Aptek Laboratories |
| Type UR | 7503 LM-A/B | 46058-060-96 | Aptek Laboratories |
| Type UR | 7503 LM-PMF | 46058-060-96 | Aptek Laboratories |
| Type UR | 7504 LM-A/B | 46058-060-96 | Aptek Laboratories |
| Type UR | 7504 LM-PMF | 46058-060-96 | Aptek Laboratories |
| Type UR | 903 | 46058-2156-08 | Dymax Corporation |
| Type UR | 903-E | 46058-2927-11 | Dymax Corporation |
| Type UR | 905 | 46058-1599-07 | Dymax Corporation |
| Type UR | 905-LV | 46058-1599-07 | Dymax Corporation |

| PART LISTINGS | | | |
|---|---|---|---|
| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
| Type UR | 9-20557 | 46058-1599-07 | Dymax Corporation |
| Type UR | 9-20557-LV | 46058-1599-07 | Dymax Corporation |
| Type UR | 9481 | 46058-2156-08 | Dymax Corporation |
| Type UR | 9481-E | 46058-2927-11 | Dymax Corporation |
| Type UR | 9482 | 46058-3798-14 | Dymax Corporation |
| Type UR | 9483 | 46058-5583-19 | Dymax Corporation |
| Type UR | 984 | 46058-656-03 | Dymax Corporation |
| Type UR | 984 Sure Cure | 46058-656-03 | Dymax Corporation |
| Type UR | 984-F | 46058-656-03 | Dymax Corporation |
| Type UR | 984-LVF | 46058-656-03 | Dymax Corporation |
| Type UR | 984-LVUF | 46058-656-03 | Dymax Corporation |
| Type UR | 984-RF | 46058-656-03 | Dymax Corporation |
| Type UR | 984-TC | 46058-656-03 | Dymax Corporation |
| Type UR | 987 | 46058-1934-08 | Dymax Corporation |
| Type UR | CE-1155 Parts A & B | 46058-408-73 | ELANTAS PDG, Inc. (Olean) |
| Type UR | CE-1155 with AD-1146-C | 46058-541-90 | ELANTAS PDG, Inc. (Olean) |
| Type UR | CE-1155 with AD-1147-C | 46058-541-90 | ELANTAS PDG, Inc. (Olean) |
| Type UR | CE-1155-35 Parts A & B | 46058-409-73 | ELANTAS PDG, Inc. (Olean) |
| Type UR | CE-1164 | 46058-410-73 | ELANTAS PDG, Inc. (Olean) |
| Type UR | CE-1164 with AD-1146-C | 46058-541-90 | ELANTAS PDG, Inc. (Olean) |
| Type UR | CE-1164 with AD-1147-C | 46058-541-90 | ELANTAS PDG, Inc. (Olean) |
| Type UR | Bectron PT 4600 | 46058-4209-16 | ELANTAS PDG, Inc. (St. Louis) |
| Type UR | 1A33 | 46058-399-73 | HumiSeal Europe, Ltd. |
| Type UR | UV40 | 46058-1666-07 | HumiSeal Europe, Ltd. |
| Type UR | UV40-LV | 46058-1667-07 | HumiSeal Europe, Ltd. |
| Type UR | 1A20 | 46058-113-88 | HumiSeal North American Sales |
| Type UR | 1A20R | 46058-3777-13 | HumiSeal North American Sales |
| Type UR | 1A33 | 46058-399-73 | HumiSeal North American Sales |
| Type UR | 1A34 | 46058-120-88 | HumiSeal North American Sales |
| Type UR | 2A64 | 46058-370-76 | HumiSeal North American Sales |
| Type UR | UV40 | 46058-1666-07 | HumiSeal North American Sales |
| Type UR | UV40-LV | 46058-1667-07 | HumiSeal North American Sales |
| Type UR | Arathane 5750 A/B(LV) | 46058-248-92; 46058-80-93 | Huntsman Advanced Materials |
| Type XY | Galxyl C Dimer | 46058-388-89 | Galentis S.r.l. |
| Type XY | Parylene C | 46058-041A-97 | Specialty Coating Systems (Italy) |
| Type XY | Parylene C with AdPro Plus | 46058-1828-07 | Specialty Coating Systems (Italy) |
| Type XY | Parylene D with A-174 | 46058-5849-20 | Specialty Coating Systems (Italy) |
| Type XY | Parylene HT | 46058-1262-05 | Specialty Coating Systems (Italy) |
| Type XY | Parylene HT with AdPro Plus | 46058-1829-07 | Specialty Coating Systems (Italy) |
| Type XY | Parylene N | 46058-041B-97 | Specialty Coating Systems (Italy) |
| Type XY | diX C | 46058-101-92 | Uniglobe Kisco, Inc. |
| Type XY | diX SR | 46058-1423-06 | Uniglobe Kisco, Inc. |

**Manufacturer: Aptek Laboratories (CAGE Code: 0N1V4)**
Location: 28750 Livingston Avenue, Valencia, CA 91355, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Dow Silicones Corporation (CAGE Code: 71984)**
Location: P.O. Box 994, Mail Drop: AUB1007, 2200 W. Salzburg Road, Midland, MI 48686-0994, US

Plants:
1. Dow Silicones Corporation (Auburn, MI), CAGE: 58FS3, 11 Mile Road, Auburn, MI 48611, US
2. Dow Silicones Corporation (Elizabethtown, KY), CAGE: 9A303, Highway 62, Elizabethtown, KY US
3. Dow Silicones Corporation (Midland, MI), CAGE: 71984, 3901 S. Saginaw Road, Midland, MI 48686, US

**Manufacturer: Dymax Corporation (CAGE Code: 46733)**
Location: 318 Industrial Lane, Torrington, CT 06790, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: ELANTAS PDG, Inc. (Olean) (CAGE Code: 16245)**
Location: 1405 Buffalo Street, Olean, NY 14706-1139, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: ELANTAS PDG, Inc. (St. Louis) (CAGE Code: 97160)**
Location: 5200 North Second Street, St. Louis, MO 63147, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Galentis S.r.l. (CAGE Code: AQ545)**
Location: Via delle industrie, 11, 30020 Marcon (Venice), Italy

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: H K Wentworth, Ltd. (CAGE Code: K2337)**
Location: Kingsbury Park, Midland Road, Swadlincote, Derbyshire DE11 OAN, UK

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Henkel Electronic Materials, LLC (CAGE Code: 6A3A7)**
Location: 825 Cedar Springs Road, Salisbury, NC 28147, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: HumiSeal Technology Center (CAGE Code: LAB)**
Location: Chase Corporation, 295 University Avenue, Westwood, MA 02090, US

Plants:
1. HumiSeal Europe, Ltd., CAGE: U4656, 505 Eskdale Road, Winnersh, Berkshire, RG41 5TU, UK
2. HumiSeal North American Sales, CAGE: 99109, 201 Zeta Drive, Pittsburgh, PA 15238, US

**Manufacturer: Huntsman Advanced Materials (CAGE Code: 99384)**
Location: 5121 San Fernando Road West, Los Angeles, CA 90039, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Specialty Coating Systems (Italy) (CAGE Code: 0RSM1)**
Location: 7645 Woodland Drive, Indianapolis, IN 46278, US

Plants:
1. Galentis S.r.l., CAGE: AQ545, Via delle Industrie, 11, 30020 Marcon, Venice, Italy

**Manufacturer: Uniglobe Kisco, Inc. (CAGE Code: 1RV89)**
Location: 405 Lexington Avenue, Chrysler Building #732, New York, NY 10174, US

Plants:
1. Daisan Kasei Co., Ltd., 50-5 Goi Minami Kaigan, Ichihara-shi, Chiba, 270-0045, Japan