Specification Details: **Date: 2/26/2009**

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:

DSCC Office of Primary Involvement: Electronic Devices Team, DSCC-VQE
Primary DSCC-VQ Contact: 614-692-0627, e-mail: vqe.ls@dla.mil
Secondary DSCC-VQ Contact: 614-692-3022, e-mail: vqe.js@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	Uvikote 7503 LM-A/B	46058-060-96	Aptek Laboratories
Type AR	Uvikote 7503 LM-PMF	46058-060-96	Aptek Laboratories
Type AR	Uvikote 7504 LM-A/B	46058-060-96	Aptek Laboratories
Type AR	Uvikote 7504 LM-PMF	46058-060-96	Aptek Laboratories
Type AR	CE-1170	46058-140-81	Cytec Olean, Inc.
Type AR	CE-1171	46058-141-81	Cytec Olean, Inc.
Type AR	903	46058-2156-08	Dymax Corporation
Type AR	9-20557	46058-1599-07	Dymax Corporation
Type AR	9-20557-LV	46058-1599-07	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	Dymax 9481	46058-2156-08	Dymax Corporation
Type AR	High Perfomance Acrylic (HPA)	46058-1682-06	H. K. Wentworth, Ltd.
Type AR	1B31	46058-112-88	HumiSeal Technology Center
Type AR	1B31-EPA	46058-270-92	HumiSeal Technology Center
Type AR	1B31-LOC	46058-397-94	HumiSeal Technology Center
Type AR	1B31LSE	46058-267-99	HumiSeal Technology Center
Type AR	1B31S	46058-1093-05	HumiSeal Technology Center
Type AR	1B73	46058-369-76	HumiSeal Technology Center
Type AR	1B73-AP	46058-360-76	HumiSeal Technology Center
Type AR	1B73-EPA	46058-269-92	HumiSeal Technology Center
Type AR	1B73-LOC	46058-398-94	HumiSeal Technology Center
Type AR	1B73LSE	46058-268-99	HumiSeal Technology Center
Type AR	1H20 AR1/S	46058-1668-07	HumiSeal Technology Center
Type AR	1H20 AR2/S	46058-1669-07	HumiSeal Technology Center
Type AR	1H71	46058-092-02	HumiSeal Technology Center
Type AR	UV40	46058-1666-07	HumiSeal Technology Center

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
Type AR	UV40LV	46058-1667-07	HumiSeal Technology Center
Type AR	1H20 AR1	46058-413-03	HumiSseal Europe, Ltd.
Type AR	1H20 AR2	46058-162-00	HumiSseal Europe, Ltd.
Type AR	PC20-35M	46058-870-78	Loctite Corporation
Type AR	PC20M	46058-870-78	Loctite Corporation
Type AR	Lite Fast tm 3010-M	46058-441-93	MLT/Micro-Lite Technology
Type ER	903	46058-2156-08	Dymax Corporation
Type ER	9-20557	46058-1599-07	Dymax Corporation
Type ER	9-20557-LV	46058-1599-07	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	Dymax 9481	46058-2156-08	Dymax Corporation
Type ER	2A53	46058-397-73	HumiSeal Technology Center
Type ER	PC12-007M	46058-1092-73, 46058-848-74	Loctite Corporation
Type ER	PC16M	46058-1093-73, 46058-849-74	Loctite Corporation
Type ER	PC17M	46058-1094-73, 46058-851-74	Loctite Corporation
Type SR	3-1744	46058-007-99	Dow Corning Corp. (Auburn, MI)
Type SR	3-1753	46058-006-99	Dow Corning Corp. (Auburn, MI)
Type SR	3-1765	46058-006-99	Dow Corning Corp. (Auburn, MI)
Type SR	3-1944	46058-1090-05	Dow Corning Corp. (Auburn, MI)
Type SR	3-1953	46058-1091-05	Dow Corning Corp. (Auburn, MI)
Type SR	3-1965	46058-1092-05	Dow Corning Corp. (Auburn, MI)
Type SR	3140 RTV w/1204 Primer	46058-285-89	Dow Corning Corp. (Elizabethtown, KY)
Type SR	1-2577	46058-001-98	Dow Corning Corp. (Midland, MI)
Type SR	1-2577 Low VOC	46058-001-98	Dow Corning Corp. (Midland, MI)
Type SR	1-2620	46058-001-98	Dow Corning Corp. (Midland, MI)
Type SR	1-2620 Low VOC	46058-001-98	Dow Corning Corp. (Midland, MI)
Type SR	1-4010	46058-014-98	Dow Corning Corp. (Midland, MI)
Type SR	3140	46058-013-98	Dow Corning Corp. (Midland, MI)
Type SR	1C49	46058-409-90	HumiSeal Technology Center
Type SR	1C49LV	46058-937-05	HumiSeal Technology Center
Type SR	1C51	46058-409-90	HumiSeal Technology Center
Type SR	1C52	46058-695-05	HumiSeal Technology Center
Type UR	APTEK 2503 A/B	46058-95-91	Aptek Laboratories
Type UR	APTEK 2503-A/B High Solids	46058-95-91	Aptek Laboratories
Type UR	APTEK 2512A/B	46058-1176-05	Aptek Laboratories
Type UR	Uvikote 7503 LM-A/B	46058-95-91	Aptek Laboratories
Type UR	Uvikote 7503 LM-PMF	46058-95-91	Aptek Laboratories
Type UR	Uvikote 7504 LM-A/B	46058-95-91	Aptek Laboratories
Type UR	Uvikote 7504 LM-PMF	46058-95-91	Aptek Laboratories
Type UR	CE-1155 Parts A & B	46058-408-73	Cytec Olean, Inc.
Type UR	CE-1155 with AD-1146-C	46058-541-90	Cytec Olean, Inc.
Type UR	CE-1155 with AD-1147-C	46058-541-90	Cytec Olean, Inc.
Type UR	CE-1155-35 Parts A & B	46058-409-73	Cytec Olean, Inc.
Type UR	CE-1164	46058-410-73	Cytec Olean, Inc.
Type UR	CE-1164 with AD-1146-C	46058-541-90	Cytec Olean, Inc.
Type UR	CE-1164 with AD-1147-C	46058-541-90	Cytec Olean, Inc.
Type UR	CE-1175	46058-981-87	Cytec Olean, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
Type UR	903	46058-2156-08	Dymax Corporation
Type UR	9-20557	46058-1599-07	Dymax Corporation
Type UR	9-20557-LV	46058-1599-07	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	Dymax 9481	46058-2156-08	Dymax Corporation
Type UR	1A20	46058-113-88	HumiSeal Technology Center
Type UR	1A33	46058-399-73	HumiSeal Technology Center
Type UR	1A34	46058-120-88	HumiSeal Technology Center
Type UR	2A64	46058-370-76	HumiSeal Technology Center
Type UR	UV40	46058-1666-07	HumiSeal Technology Center
Type UR	UV40LV	46058-1667-07	HumiSeal Technology Center
Type UR	Arathane 5750 A/B(LV)	46058-248-92; 46058-80-93	Huntsman Advanced Materials
Type UR	PC18M	46058-1096-73, 46058-852-74	Loctite Corporation
Type UR	PC29M	46058-1098-73, 46058-850-74; 46058-1208-87	Loctite Corporation
Type XY	Conform X, C Dimer	46058-1615-06	Para Tech Coating
Type XY	Galaxyl C Dimer	46058-388-89	Para Tech Coating
Type XY	PCS Dimer Dichloro-Paracyclphane	46058-142-01	Parylene Coating Services, Inc.
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 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 Parylene SR	46058-1423-06	Uniglobe Kisco, Inc.
Type XY	diX Parylene SR	46058-1423-06	Uniglobe Kisco, Inc.

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

Plant Location: Same Address as Manufacturer

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

Plant Location: Same Address as Manufacturer

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

Plant Locations:
1. Dow Corning Corp. (Auburn, MI), 11 Mile Road, Auburn, MI 48611, US
2. Dow Corning Corp. (Elizabethtown, KY), Highway 62, Elizabethtown, KY, US
3. Dow Corning Corp. (Midland, MI), 3901 S. Saginaw Road, Midland, MI 48686, US

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

Plant Location: Same Address as Manufacturer

Manufacturer: Galentis S.p.A. (CAGE Code: A9324)
Location: Via delle Industrie, 11, 30020 Marcon (Venice), Italy

Plant Location: Same Address as Manufacturer

Distributor Location: Para Tech Coating, 35 Argonaut, Aliso Viejo, CA 92656, US

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

Plant Location: Same Address as Manufacturer

Manufacturer: HumiSeal Europe, Ltd. (CAGE Code: U4656)
Location: Alasan House, Albany Park, Frimley Road, Camberly, Surry, GU15 2PL, United Kingdom

Plant Location: Same Address as Manufacturer

Manufacturer: HumiSeal Technology Center (CAGE Code: 99109)
Location: Chase Corporation, 500 Myles Standish Road, Taunton, MA 02780, US

Plant Location: 128 First Street, Pittsburgh, PA 15238, US

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

Plant Location: Same Address as Manufacturer

Manufacturer: Loctite Corporation (CAGE Code: 04347)
Location: 211 Franklin Street, Olean, NY 14760, US

Plant Location: Same Address as Manufacturer

Manufacturer: MLT/Micro-Lite Technology (CAGE Code: 0ZV57)
Location: 6009 E. Sanford Circle, Mesa, AZ 85215-9998, US

Plant Location: MLT/Micro-Lite Technology (Phoenix, AZ), 3635 S. 16th Street, Bldg. 1, Phoenix, AZ 85040, US

Manufacturer: Para Tech Coating (CAGE Code: 0E9E9)
Location: 35 Argonaut, Aliso Viejo, CA 92656, US

Plant Locations:
1. Galentis, S.p.A., Via delle Industrie, 11, 30222 Marcon, Venice, Italy
2. #2 Xifeng Road, Xitang Town, Jiashan, Zhejiang, China (RC) 415100

Manufacturer: Parylene Coating Services, Inc. (CAGE Code: 1UKW0)
Location: 6819 Highway Boulevard, Suite 510, Katy, TX 77494, US

Manufacturer and Supplier Location Information

Plant Location: Byelen Chemical, 12/F Majesty Building, Suite F, 138 Pudong Avenue, Shanghai 200120, P.R. China

Manufacturer: Specialty Coating Systems, Inc. (CAGE Code: 0RSM1)

Location: 7645 Woodland Drive, Indianapolis, IN 46278, US

Plant Locations:
1. Same Address as Manufacturer
2. Specialty Coating Systems (Italy), Galentis, S.p.A., Via delle Industrie, 11, 30020 Marcon (Venice), Italy

Manufacturer: Uniglobe Kisco, Inc. (CAGE Code: 1RV89)

Location: 707 Westchester Avenue, Suite 207, White Plains, NY 10604, US

Plant Location: Daisan Kasei Co., Ltd., 50-5 Goi Minami-Kaigan, Ichihara City, Chiba, Japan