

UNITED STATES DEPARTMENT OF LABOR

MSHA

MINE SAFETY AND HEALTH ADMINISTRATION

FLAME-RESISTANT INSULATION FOR BATTERY BOXES and Covers

ACCEPTED BY MSHA UNDER CODE OF FEDERAL REGULATIONS,

TITLE 30, PART 18

The battery box cover insulation materials shown in this listing were tested and accepted as flame-resistant under the Code of Federal Regulations title 30, Part 18. This listing of flame-resistant battery box cover insulation material is current to date. It is recommended that the manufacturer be contacted to determine the availability status of any battery box cover insulation material listed herein.

ORIGINATING OFFICE:

Mine Safety and Health Administration
Approval and Certification Center
Materials and Explosion Testing Branch
765 Technology Drive
Triadelphia, West Virginia 26059

FLAME-RESISTANT INSULATION FOR BATTERY BOX COVERS
(EVALUATIONS PRIOR TO 1977)

<u>PRODUCT</u>	<u>CORRESPONDING COMPANY</u>
UMW-FR-27 Polyurethane Division N-350 Neoprene PR-1524 Polyurethane (¼ thick) Swift Z 1Z-308 Hot melt (¼ thick) Flexsol 8 (Valspar Plastisol)	Exide Power Systems ESB, Incorporated P. O. Box 5723 Philadelphia, PA 19120
Orange Plastisol 748-Y-1213A	Mobil Chemical
Type MCI-SIW03 & MCI-SIW04 Plastisol Incorporated	Metal Cladding,
Corvel Vinyl (Melt Mix Type) Corvel Type ECA-1555 Thin Film Epoxy Corvel Epoxy ECA-1283	The Polymer Corporation
N11 Series Epoxy Powder Coatings	Sherwin-Williams Company
Vinyl Plastisol-Arbonite No. S-2002 Ceramic	General Battery and Box 1262 Reading, PA 19603 PVC Jeffrey Manufacturing Company Columbus, OH 43216
Grade 1163 Neoprene	B.F. Goodrich Industrial Products Company Minor Oak Two - Suite 458 1910 Cochran Road Pittsburgh, PA 15220
Microsol S-2003 (S6006) Chemical	Michigan Chrome and
Flexsol 4374	Quelcor Incorporated

Flame-Resistant Battery Box Cover Insulation Material
(Evaluations after 1977, with acceptance number issued)

<u>USMSHA Acceptance No.</u>	<u>Acceptance Date</u>	<u>Company</u>
BI-1	12/29/77	Reaco Battery Service Corp.
BI-1/1	06/29/09	Rt. 1, Box 48
BI-1/2	07/25/11	Johnston City, IL 62951
BI-2 Division	12/29/77	Exide Power Systems P. O. Box 14205 Reading, PA 19612-4205
BI-3	09/08/78	Gould, Incorporated
BI-7	03/30/79	Industrial Battery Division 2050 Cabot Boulevard, West Langhorne, PA 19047
BI-4 Incorporated	01/02/79	Barrett Battery
BI-5	01/02/79	3317 Lagrange Street Toledo, OH 43608
BI-6	01/15/80	M & T Chemicals Incorporated Rahway, NJ 07065
BI-8	11/01/79	C&D Battery Division 3043 Walton Road Plymouth Meeting, PA 19462
BI-9	05/27/86	Pratt & Lambert

Last Updated 5/16/13

BI-9/1 BI-9/2		40 Sonwil Drive Cheektowaga, NY 14225 (Transferred to The Sherwin-Williams Company ("Sherwin-Williams"))
BI-10	01/31/91	Morton International, Inc. P. O. Box 6223 Industrial Park Greenville, SC 29606
BI-11 BI-11/1 BI-11/2	07/29/80 09/26/80 05/20/82	Alpha Fabricators, Inc. 8970 S. Hanslik Court Naperville, IL 60540
BI-12	10/20/80	The Dexter Corporation Midland Division Dividend Road Rocky Hill, CT 06067
BI-13 BI-13/1 BI-13/2 BI-13/3	11/08/82 03/31/09 12/17/09	Protech Chemicals Limited (Protech Powder Coatings) 7600 Henri Bourassa West Montreal, QC, Canada H4S 1W3
BI-14	06/27/85	The Gilman Company, Inc. P. O. Box 1257 Chattanooga, TN 37401
BI-15 BI-15/1	06/17/86	Glidden Coatings & Resins 1855 N. Leclair Avenue Chicago, IL 60639
BI-16 BI-16/1 BI-16/2	10/03/80	Lilly Industrial Coatings 125 Blackstone Avenue Jamestown, NY 14701
BI-17/CR-4	11/04/93	First Rate Machine Work P. O. Box 159 Pecks Mill, WV 25547
BI-18	03/09/94	Morton Industrial Coatings P. O. Box 2238 Decatur, AL 35609-2238

BI-19	02/08/95	Termaco Limited 325 Industrial Boulevard St. Jean-Sur-Richelieu Quebec, Canada J3B-7M3
BI-20	10/29/96	Sherwin Williams 341 Eastland ShoppingCenter Lexington, KY 40505
BI-21 BI-21/01 BI-21/02 BI-21/03 BI-21/04 BI-21/05	02/19/02 06/02/03	TCI Powder Coatings 4036 Dixon Drive Ellaville, Georgia 31806
BI-22/0	09/04/03	Chemionics Corporation 390 Munroe Falls Road Tallmadge, Ohio 44278
BI-23/0 Development	05/14/10	LINE-X Franchise 6 Hutton Centre Dr. Suite 500 Santa Ana, CA 92707
BI-24/0	11/5/10	Atomized Materials Co. Inc. P.O. Box 299 Cecil, Pa 15321