
ITW Electronic Component Solutions

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Flame Retardant Materials

Environmental Information Bulletin

June 29, 2020

Subject: Formex GK, Formex GS, Formex EP, Formex GL Environmental Compliance with applicable provisions of EU-RoHS, China RoHS, EU-WEEE, and REACH

Formex GK, Formex GS, Formex EP, Formex GL, Formex N3, Formex CPL and Formex CND do NOT contain any known ozone depletion chemicals (such as CFC11, CFC12, CFC113, CFC114, CFC115, Halon 1211, 1301, or 2402) nor do they contain polybrominated biphenyls (**PBBs**) or polybrominated ethers (**PBDEs or PBEs**) including those on the following list of Chemical Abstract Service (CAS) numbers:

595365-1	Polybrominated Biphenyl
6393656-1	Nonabromo Biphenyl Ether
2052-07-05, 2113-57-7, 92-66-0	Bromobiphenyl
68928-80-3	Heptabromo Biphenyl Ether
36483-60-0	Hexabromo Biphenyl Ether
400088-47-9	Tetrabromo Biphenyl Ether
49690-94-0	Tribromo Biphenyl Ether
2050-47-7	Dibromo Biphenyl Ether
101-55-3	Bromo Biphenyl Ether
13654-09-06	Decabromobiphenyl
1163-19-5	Decabromo Biphenyl Ether
32536-52-0	Octabromo Biphenyl Ether
32534-81-9	Pentabromo Biphenyl Ether

ITW Formex® Materials **do NOT** contain any EVA or EVA additives, chlorine, PCBs, PFOS, PFOA, latex or any plasticizers.

ITW Formex® Materials **do NOT** use DMF (dimethyl fumarates) in the manufacture or packaging of our products.

ITW Formex® Materials are compliant with RoHS 3 (2015/863/EU), including those on the following list of Chemical Abstract Service (CAS) numbers:

7440-43-9 Cadmium	(≤0.01%)
7439-92-1 Lead	(≤0.1%)
7439-97-6 Mercury	(≤0.1%)
7440-47-3 Hexavalent chromium	(≤0.1%)
Polybrominated biphenyls (PBB)	(≤0.1%)
Polybrominated diphenyl ethers (PBDE)	(≤0.1%)
117-81-7 Bis(2-ethylhexyl) phthalate (DEHP)	(≤0.1%)
85-68-7 Butyl benzyl phthalate (BBP)	(≤0.1%)
84-74-2 Dibutyl phthalate (DBP)	(≤0.1%)
84-69-5 Diisobutyl phthalate (DIBP)	(≤0.1%)

Formex GK, Formex GS, Formex EP, Formex GL are fully compliant with REACH and do not contain SVHCs (209 Substances of Very High Concern) in effect as of June 25th, 2020.

Formex GK, Formex GS, Formex EP, Formex GL are considered “articles” according to REACH; registration or notification is not required

Formex N3, Formex CPL, Formex CND contain the 205th of SVHCs: Salts of PFBS (Potassium nonafluoro-1-butanesulfonate, CAS No. 29420-49-3) but not the other 208 SVHCs in effect as of June 25th, 2020.

Please visit our website at www.itwformex.com for copies of independent third party certified laboratory test reports confirming compliance with heavy metal analysis and all applicable provisions of EU-RoHS, China RoHS and EU-WEEE.