

## **K-Flex USA Elastomeric Insulation and Brominated Flame Retardants**

To meet fire safety standards, fire resistant chemicals, known as “flame retardants”, are added to insulation materials to slow or prevent ignition and spread of flames. A subset of these flame retardants known as brominated flame retardants, specifically polybrominated diphenyl ethers (PBDEs), were recently banned in Oregon because of rising levels of concern of their possible negative environmental and health impacts.

Studies have found that brominated flame retardants slowly leak toxic compounds into the surrounding environment as a result of degradation, volatilization and leaching during use.

**K-Flex USA products are PBDE-free and do not contain any bromine compounds.** K-Flex USA uses environmentally-safe and inherently flame resistant additives to serve as flame retardants and smoke suppressants.

K-Flex USA’s R&D strategy is based on sustainability and environmental protection with specific research goals of constant further development of product formulations that pose no threat to the environment.

For more technical information, please contact K-Flex USA technical services at 800-765-6475.

