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Jan 3, 2019

Subject: Restriction of Hazardous Substances (RoHS 3) EU Directive 2015/863.

Bulk wire and cable manufactured by Kalas Manufacturing Inc., Denver Road, Denver, PA on reels, spools, and drums are in compliance with the EU Directive 2015/863 concentration levels for substances that the EU declares to be known harmful to humans and animal life.

By compliance Kalas means that to the best of our knowledge each raw homogeneous material contained in the wire and cable such as copper, resins and colorants that are intentionally used in the manufacturing process or are known or expected to be present are below the levels outline below.

- Lead (Pb).....Max Concentration < 0.1% by weight
- Mercury (Hg).....Max Concentration < 0.1% by weight
- Cadmium (Cd).....Max Concentration < 0.01% by weight
- Hexavalent chromium (VI) (Cr (VI)).....Max Concentration < 0.1% by weight
- Polybrominated biphenyls (PBB's)Max Concentration < 0.1% by weight
- Polybrominated diphenyl ethers (PBDE's)Max Concentration < 0.1% by weight
- Bis(2-Ethylhexyl) phthalate (DEHP)Max Concentration < 0.1% by weight
- Benzyl butyl phthalate (BBP)Max Concentration < 0.1% by weight
- Dibutyl phthalate (DBP):Max Concentration < 0.1% by weight
- Diisobutyl phthalate (DIBP)Max Concentration < 0.1% by weight

If you have additional questions, please contact Kalas and your Account Management Representative at (717) 336-5575.

More information on RoHS can be found at: http://ec.europa.eu/index_en.htm

Jeffrey Trees

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Note: This letter expires on or before December 31, 2019.