



**PN Review: Substances Regulated by Directive 2011/65/EU & 2015/863/EU**

**Product Line: FEP High Voltage Wire (all colors)**

**This review applies to all FEP High Voltage Wire products with exception to products with UNS C16200 Copper Alloy conductor material (P/N: 178-8211)**

**A review of the materials used in the product line above indicates the following:**

Substance	Yes	No
Lead > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mercury > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cadmium > .01% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hexavalent Chromium > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Polybrominated biphenyls (PBB's) > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Polybrominated diphenylether (PBDE's) > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bis (2-Ethylhexyl) phthalate (DEHP) > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Benzyl butyl phthalate (BBP) > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dibutyl phthalate (DBP) > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diisobutyl phthalate (DIBP) > .1% by weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Relevant Notes**

(a marked box indicates the statement applies)

**(The Material Substance Limit is at a Homogeneous Level)**

- Lead is used as an alloying element in steel for machining purposed and in galvanized steel containing up to 0.35% lead by weight.
- Lead is used as an alloying element in aluminum containing up to 0.4% lead by weight.
- Lead is used as an alloying element in a copper alloy containing up to 4% lead by weight.
- Cadmium and its compounds in electrical contacts.
- Other:**

**Comments**

TRI has **NOT** performed any testing to verify the above.

Teledyne Reynolds, Inc. (TRI) manufactures and supplies electronic connectors and cables (collectively TRI connector products) to European Union customers. It is TRI's belief that its connector products do not fall within the scope of Directive 2011/65/EU (Article 3) on the restriction of the use of certain hazardous substances in electrical and electronic equipment because they do not meet the definition of Electrical and Electronic Equipment (EEE). TRI products are specifically designed to be used in high voltage applications, i.e. they are designed to operate at voltages greater than 1000 volts Alternating Current (AC) and 1500 volts Direct Current (DC). The intended use of TRI connector products is for high voltage applications and these products are only made available for those uses outside the scope of ROHS.

**Approval**

<b>Hannah Huynh</b> Materials and Process Engineer (310)-574-2040		<b>Date</b> 9-28-20
<b>Rafael Montalvo</b> Materials Engineering & Test Manager (310) 574-2085		<b>Date</b> 9.28.20