

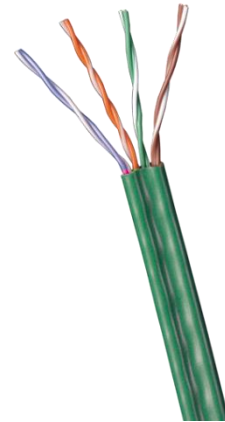


# Product Lens

a materials health assessment

## COMPANY AND PRODUCT INFO

<b>Issued to</b>	<b>Belden</b>
<b>For the Products</b>	MediaTwist®, Category 6, Plenum Rated Horizontal Cable, UTP, 4 Pair, CMP, Bonded-Pair
<b>Description</b>	Part Numbers: 1874Axxx
<b>Certification Period</b>	December 2016- December 2018
<b>Assessor</b>	<b>MBDC</b> basis methodology v3.1*



## Qualifications

- LEED BPDO Credit: Material Ingredients Option 1  Qualifies for as 1 product
- LEED BPDO Credit: Material Ingredients Option 2  Qualifies for 100% of cost

## Other Achievements



## MATERIALS / INGREDIENTS INFORMATION

Disclosure Level: 100 ppm  1000 ppm

The following table represents the top 99% of the material ingredient disclosure and ratings. For the full ingredient disclosure information, please see the table on the reverse side.

Materials	Result			
	Supply Chain/ MFG	Install	Use	End of Use
FEP	I,D			I,D
Copper				
PVC	I,D			I,D
Flame Retardant				
Plasticizer				
Proprietary				
Proprietary				
Flame Retardant				
Proprietary	D			

### Exposure Indicator

D = Dermal, Skin
I = Inhalation, air
O = Oral, mouth

\*No Indicator means no potential exposure scenario identified

### Color Ratings

	Low or mild hazard identified and/or potential exposure
	Moderate hazard identified and/or potential exposure
	Problematic concern found. The combination of the hazard and potential exposure leads to some caution for some uses and/or applications.
	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

Go to [ul.com/spg](http://ul.com/spg) to view the full, detailed materials ingredient list

[www.belden.com](http://www.belden.com)

[Sustainability@belden.com](mailto:Sustainability@belden.com)

1-800-BELDEN1



\*Methodology based on Cradle to Cradle Certified™ Product Material Health Assessment Methodology v3.1



CERTIFIED

PRODUCT LENS MATERIALS  
TRANSPARENCY AND  
DISCLOSURE.  
VIEW SPECIFIC INGREDIENTS  
AND EVALUATIONS:  
UL.COM/PL

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Material	CAS Number	Role	%					Comment
				MFG	Install	Use	End of Use	
Fluorinated Ethylene Propylene	25067-11-2	Insulation/Colorant/Xweb	44.6	I,D			I,D	Lifecycle concerns around use of halogenated polymers. Could possibly be acceptable as pure polymer in installation and use phases if it can be shown that there are no residual monomers and it can be guaranteed that there will be no generation of thermal decomposition products during use. Thermal degradation products can be very toxic.
Copper	7440-50-8	Conductor	39.4					Highly toxic to aquatic organisms, however based on the intended use and end of use scenarios there is limited opportunity for copper to enter the biosphere so this material is acceptable for use in all product phases.
PVC	9002-86-2	Jacket/Colorant	9.3	I,D			I,D	Lifecycle concerns around use of halogenated polymers. Could possibly be acceptable as pure polymer in installation and use phases if it can be shown that there is no residual vinyl chloride and no thermal degradation during use.
Flame Retardant	Proprietary	Jacket	6.4					Some chronic toxicity concerns, but little risk as used in this product.
Plasticizer	Proprietary	Jacket	2					Acceptable for use in all product phases
Proprietary	Proprietary	Jacket	1.48					Little to no risk across all product phases
Calcium Carbonate	1317-65-3	Jacket/Colorant	1.5					Little to no risk across all product phases
Flame Retardant	Proprietary	Jacket	0.87					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.25	D				severely damaging to eyes so care must be taken during manufacturing phase, little to no risk across all other use phases
Proprietary	Proprietary	Jacket	0.25					Little to no risk across all product phases
PET	25038-59-9	Binder/ripcord	0.17					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.16					High aquatic toxicity so care should be taken during the manufacturing and end of use phases to keep this substance out of the environment
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.1					Suspected human carcinogen
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.1	D			D	Skin sensitization and aquatic toxicity concerns, however at this concentration and in this use should be acceptable across all product stages.
Proprietary	Proprietary	Colorant for jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.05					Little to no risk across all product phases
Titanium Dioxide	13463-67-7	Jacket/colorant	>0.05					Little to no risk across all product phases
Proprietary	Proprietary	Colorant for jacket	>0.05					contains copper which can catalyze dioxin formation during incineration of PVC

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	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

