



# Product Lens

a materials health assessment

## COMPANY AND PRODUCT INFO

<b>Issued to</b>	<b>Belden</b>
<b>Description</b>	<b>DataTwist 350, Category 5E, 5e &amp; 3, CM Rated Horizontal &amp; Patch Cable, 4 Pair</b>
<b>For the Products</b>	Part Number: 1752Axxx, 1592Axxx, 1229A2xxx
<b>Certification Period</b>	January 2017- January 2019
<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
Copper	Yellow	Green	Green	Yellow
PVC	Red (I,D)	Yellow	Yellow	Red (I,D)
Polyolefin 1	Green	Green	Green	Green
Plasticizer	Black	Black	Black	Black
Flame Retardant	Yellow	Green	Green	Green
FR Plasticizer	Red (I,D)	Yellow	Yellow	Red (I,D)
Plasticizer	Green	Green	Green	Green
Plasticizer	Green	Green	Green	Green
Flame Retardant	Black	Black	Black	Black

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



### Exposure Indicator

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

\*No Indicator means no potential exposure scenario identified

### Color Ratings

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

\*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	%	MFG	Install	Use	End of Use	Comment
Copper	7440-50-8	Conductor	54-59					Highly toxic to aquatic organisms, however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
PVC	9002-86-2	Jacket and Colorant	15-17.5	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Polyolefin 1	Proprietary	Insulation	10.5-12.5					Little to no risk across all product phases
Plasticizer	Proprietary	Jacket	5.2-5.9					CMR - Reproductive toxin (CA Prop 65)
Flame Retardant	Proprietary	Jacket	4.6-5.2					Some chronic toxicity concerns, but little risk as used in this product.
FR Plasticizer	Proprietary	Jacket	1.5-1.8	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Plasticizer	Proprietary	Jacket	0.9-1.1					Little to no risk across all product phases
Plasticizer	Proprietary	Jacket	0.8-0.9					Little to no risk across all product phases
Flame Retardant	Proprietary	Jacket	0.6-0.7					Suspected human carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Proprietary	Proprietary	Jacket	0.29-0.38					Inhalation hazard does not translate to risk in the intended use of this substance.
Proprietary	Proprietary	Jacket	0.21-0.38					Little to no risk across all product phases
PET	25038-59-9	Binder/Ripcord	0.21-0.29					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.06 - 0.16					Little to no risk across all product phases
Calcium Carbonate	1317-65-3	Colorant additive	0.08-0.15					Inhalation concerns around mining/processing, but in cable production, installation, use, and end of use there is little to no risk.
Proprietary	Proprietary	Jacket	0.05 - 0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.05 - 0.1					little to no risk expected based on the intended use and concentration.
Proprietary	Proprietary	Insulation	<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	<0.05	D	D	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	Insulation	<0.05					Little to no risk across all product phases
Polyolefin 2	Proprietary	Various components	<0.05					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	<0.05					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	<0.05					Little to no risk across all product phases
Proprietary	Proprietary	Insulation	<0.05					Little to no risk across all product phases
Pigment Red	Proprietary	Colorant	<0.05					CMR, carcinogen (CA Prop 65)
Proprietary	Proprietary	Jacket	≤0.01					Little to no risk across all product phases

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	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.

