



# Product Lens

a materials health assessment

## COMPANY AND PRODUCT INFO

<b>Issued to</b>	<b>Belden</b>
<b>Description</b>	DataTwist® 2400 & 6, Category 6, Plenum Rated Horizontal Cable, F/UTP Shielded, 4 Pair, CMP
<b>For the Products</b>	Part Numbers: 1352Axxx, 2413Fxxx
<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 95% 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
Tinned Copper	Yellow	Green	Green	Yellow
FEP	I,D	Yellow	Yellow	I,D
Copper	Yellow	Green	Green	Yellow
PVC	I,D	Yellow	Yellow	I,D
Proprietary	Yellow	Green	Green	Yellow
Aluminum	Yellow	Green	Green	Yellow
Plasticizer	Yellow	Green	Green	Yellow
Plasticizer	Green	Green	Green	Green
Proprietary	I,D	Yellow	Yellow	I,D

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
Tinned Copper	NA	Conductor	24-26					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
FEP	25067-11-2	Insulation/ Xweb/ Colorant additive	20-22	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Copper	7440-50-8	Conductor	13-14					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	9-12.5	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Jacket	9-12.5					Some chronic toxicity concerns, but little risk as used in this product.
Aluminum	7429-90-5	Tape	4-5.5					Some neurotoxicity concerns, but little risk as used in this product.
Plasticizer	Mixture	Jacket	1.2-2.5					High aquatic toxicity so care should be taken during beginning and end phases to keep out of biosphere.
Plasticizer	Proprietary	Jacket	0.9-2.2					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.9-2.2	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Flame Retardant	Proprietary	Jacket	<1.52					Need identity of FR
Flame Retardant	Proprietary	Jacket	<1.52					CMR - reproductive toxin.
PET	25038-59-9	Binder/ Ripcord	0.9-1.1					Little to no risk across all product phases for base polymer
Proprietary	Proprietary	Jacket	0.1-1.0					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	<0.91					Severe damage to eyes possible during manufacturing phase; little to no risk across all other use phases
Proprietary	Proprietary	Jacket	<1.20					Suspected human carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Proprietary	Proprietary	Jacket	<0.30					Reproductive Toxin
Lubricant	Proprietary	Jacket	<0.15					Little to no risk across all product phases
Calcium Carbonate	1317-65-3	Jacket Colorant	<0.1					Little to no risk across all product phases
Titanium dioxide	13463-67-7	Colorant	<0.1					Little to no risk across all product phases
Plasticizer	Proprietary	Jacket Colorant	<0.05					Little to no risk across all product phases
Proprietary	Proprietary	Tape adhesive	<0.05					CAS number/identity of resin required for assessment

	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.

