



# Product Lens

a materials health assessment

## COMPANY AND PRODUCT INFO

<b>Issued to</b>	<b>Belden</b>
<b>Description</b>	<b>Surveillance Monitoring Cable, Siamese, Plenum, 6284US: 5E 2 Pair + 2C16 6288US: 5E 4 Pair + 2C16</b>
<b>For the Products</b>	6284USxxx, 6288USxxx
<b>Certification Period</b>	May 2017- May 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 90% 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				
PVC	I,D			I,D
Flame Retardant				
Plasticizer				
Proprietary	D			
FR Plasticizer	I,D			I,D
Proprietary				
Proprietary				
Proprietary				

### 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	
Tinned Copper		Conductor	42-49					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/ Insulation	21-24	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Flame Retardant	Proprietary	Jacket/ Insulation	14-17					Some chronic toxicity concerns, but little risk as used in this product.
Plasticizer	Proprietary	Jacket/ Insulation	7.4-8.6					Acceptable for use in all product phases
Proprietary	Proprietary	Jacket/ Insulation	0.34-4	D				Severe damage to eyes possible during manufacturing phase; little to no risk across all other phases.
FR Plasticizer	Proprietary	Jacket/ Insulation	2-2.3	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Jacket/ Insulation	2-2.3					Little to no risk across all product phases
Proprietary	Proprietary	Jacket/ Insulation	0.8-0.9					Little to no risk across all product phases
Proprietary	Proprietary	Jacket/ Insulation	0.6-0.7					Little to no risk across all product phases
Proprietary	Proprietary	Jacket/ Insulation	0.6-0.7					Little to no risk across all product phases
Proprietary	Proprietary	Various components	0.34-0.5					Little to no risk across all product phases
Proprietary	Proprietary	Colorant	0.2-0.4					Little to no risk across all product phases
Flame Retardant	Proprietary	Jacket/ Insulation	0.2-0.24					Suspected human carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Proprietary	Proprietary	Jacket/ Insulation	0.2-0.24					Little to no risk across all product phases
Proprietary	Proprietary	Jacket/ Insulation	0.15-0.22					Little to no risk across all product phases
Proprietary	Proprietary	Various components	0-0.2					Little to no risk across all product phases
PET	25038-59-9	Ripcord	0.15-0.20					Little to no risk across all product phases
Proprietary	Proprietary	Colorants	<0.1					CMR - suspected endocrine disruptor and potential reproductive toxicant (CA Prop 65)
Proprietary	Proprietary	Jacket/ Insulation	<0.05					Little to no risk across all product phases
Proprietary	Proprietary	Jacket/ Insulation	<0.05					Little to no risk across all product phases

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