



Product Lens

a materials health assessment

COMPANY AND PRODUCT INFO

Issued to	Belden
Description	Surveillance & Distributed Antenna Coax Cable, Plenum Solid Bare Copper Conductor, 10 and 14 AWG 50 and 75 Ohm
For the Products	DAS400Pxxx, 613948xxx, 6139B8xxx, 1399Pxxx
Certification Period	May 2017-May 2019
Assessor	MBDC 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				
Copper				
Proprietary copolymer	I,D			I,D
Proprietary polymer	I,D			I,D
Proprietary	I,D			I,D
Proprietary	I,D			I,D
Proprietary	I,D			I,D
Aluminum				
PET				

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 to view the full, detailed materials ingredient list

www.belden.com

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*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	%				End of Use	Comment
				MFG	Install	Use		
Tinned Copper		Conductor/Braid	0-35					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure to biosphere.
Copper	7440-50-8	Conductor	0-32					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure to biosphere.
Proprietary Copolymer	Proprietary	Jacket	0-27	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary Polymer	Proprietary	Jacket	0-18	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Insulation	0-18	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Insulation	0-18	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Insulation	0-18	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Aluminum	7429-90-5	Conductor, Braid, Shield Tapes	1.4-15					Highly toxic to aquatic organisms and can exhibit chronic toxicity in humans.
PET	25038-59-9	Shield tapes	0.4-1.1					Little to no risk across all product phases
Proprietary	Proprietary	Colorant	0-0.4	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Tape	<0.4					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0-0.3	I				Respiratory irritant, but low risk once incorporated into the polymer matrix
Proprietary	Proprietary	Jacket	0-0.3					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0-0.3	I,D				Strong sensitizer of skin and airways. Low risk once incorporated into polymer matrix and at that usage level.
Adhesive	Proprietary	Tape	<0.1	I,D				Contains monomer which is a strong sensitizer of the skin and airways and a CMR. However, the risk is acceptable in the other phases after the adhesive is fully cured.
Proprietary	Proprietary	Color chip	<0.05					Little to no risk across all product phases
Adhesive	Proprietary	Tape	<0.05	D				Strong eye irritant. Care should be used during manufacture but once adhesive is fully reacted should be low risk in remaining product phases

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	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

