



Product Lens

a materials health assessment

COMPANY AND PRODUCT INFO

Issued to	Belden
Description	Belden Category 6A, 10GXS, Riser Rated
For the Products	Part Numbers: 10GXS12xxx, 10GXS32xxx
Certification Period	January 2017- January 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
Copper	Yellow	Green	Green	Yellow
Polyolefin 1	Green	Green	Green	Green
PVC	I,D	Yellow	Yellow	I,D
Flame Retardant	Yellow	Green	Green	Green
Polyolefin 2	Green	Green	Green	Green
Aluminum	Yellow	Green	Green	Yellow
Flame Retardant	I,D	Yellow	Yellow	I,D
Polyolefin 3	Green	Green	Green	Green
FR Plasticizer	I,D	Yellow	Yellow	I,D

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.

Go to ul.com/spg to view the full, detailed materials ingredient list

www.belden.com

Sustainability@belden.com

1-800-BELDEN1



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

Declaration Number: 4787608281.101.1



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	35.4-37.5					Highly toxic to aquatic organisms; however, this material is acceptable for use across all phases due to limited exposure opportunity to biosphere.
Polyolefin 1	Proprietary	Insulation	10.9 -11.4					Little to no risk across all product phases
PVC	9002-86-2	Jacket	10.1 -11.1	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Flame Retardant	Proprietary	Jacket	7.1-7.8					Some chronic toxicity concerns, but little risk as used in this product.
Polyolefin 2	Proprietary	Colorant /filler	5.7-6.0					Little to no risk across all product phases
Aluminum	7429-90-5	Tape	4.7-4.8					Some neurotoxicity concerns, but little risk as used in this product.
Flame Retardant	Proprietary	Filler	4.8-5.0	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Polyolefin 3	Proprietary	Filler	3.4-3.6					Little to no risk across all product phases
FR Plasticizer	Proprietary	Jacket	3.0-3.4	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
PET	25038-59-9	Ripcord	2.5-2.7					Little to no risk across all product phases
Polyolefin 4	Proprietary	Filler	2.3-2.4					Little to no risk across all product phases
Flame Retardant	Proprietary	Filler	1.9-2.0					Suspected human carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Plasticizer	Proprietary	Jacket	1.7-1.9					CMR - Reproductive toxin (CA Prop 65)
Flame Retardant	Proprietary	Filler	0.8					CMR - reproductive toxin.
Proprietary	Proprietary	Jacket	0.71-0.78					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.30-0.33					Little to no risk across all product phases
Proprietary	Proprietary	Tape Adhesive	0.27					Unknown
Proprietary	Proprietary	Filler	0.2					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.1-0.2					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.2	D				Severe damage to eyes possible during manufacturing phase; little to no risk across all other use phases
Proprietary	Proprietary	Jacket	0.2					Little to no risk across all product phases
Lubricant	Proprietary	Jacket	0.1-0.2					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					CMR -Suspected endocrine disruptor and potential reproductive toxicant. (CA Prop 65)
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
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	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Insulation	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.1				I,D	Contains organochlorine, which can lead to lifecycle issues.
Proprietary	Proprietary	Jacket	>0.05					CMR (CA Prop 65)
Proprietary	Proprietary	Filler	>0.05					Little to no risk across all product phases
Proprietary	Proprietary	Insulation	>0.05					Little to no risk across all product phases
Proprietary	Proprietary	Insulation	>0.05					Little to no risk across all product phases
Polyolefin 5	Proprietary	Insulation	>0.05					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.05					Skin sensitization and aquatic toxicity concerns, however, should be acceptable across all product stages.
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

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