

# Safety data sheet

according to Regulation (EC) No. 1907/2006

Trade name: CONLink® – electron-beam cross-linkable

Product no.:

Version: 5.0 / GB

Printed on: 01.10.2025

Specification no.:

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## SECTION 1: Identification of the substance or mixture and of the company

### 1.1 Product identifier

#### Commercial Names and Product Numbers for CONLink®

I 4115 EB	I 4951 EB	PV 5000 EB
I 4150 EB	I 4960 D-C	S 5150 EB
I 4180 EB	I 5010 EB	S 6200 EB
I 4190 EB	I 7079-1	S 8890 EB
I 4800	I 7802 EB	D-L 0110
I 4850 EB	I 8010	

### 1.2 Relevant identified use of the substance or mixture, and uses advised against

Use of the substance/mixture : Polyethylene mixture for halogen-free cables, thermoplastic compound

For industrial use only. Not intended for sale to end consumers.

### 1.3 Details of supplier providing the safety data sheet

Supplier : **Condor Compounds GmbH**  
**Hansestrasse 68**  
**38112 Braunschweig, Germany**  
**Tel.: +49 531 21024-0**  
**cc@condorcompounds.de**

### 1.4 EMERGENCY NUMBER:

**+49 531 21024-0**

(This line is only manned during office hours)

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture according to regulation (EC) No 1272/2008

No hazardous substance or mixture.

### 2.2 Label elements

#### Labelling (Regulation (EC) 1272/2008)

No hazardous substance or mixture.

### 2.3 Other hazards

No further information available





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## 7.1 Precautions for safe handling

Notes on safe handling : Strong overheating of the material may result in gaseous disintegration products. Ensure good ventilation and air extraction at the workplace. Use of an effective exhaust system at the extruder head.

Notes on fire and explosion protection : Avoid electrostatic charge and take appropriate measures.

## 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool and dry place; seal packaging tightly. Protect from moisture and direct sunlight. Keep and store only in original packaging. Prevent small spills and leaks to avoid the risk of slipping.

## 7.3 Specific end uses

Intended use(s) : Material for the production of cables and wires

For industrial use only. Not intended for sale to end consumers.

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## SECTION 8: Limitation and control of exposure/Personal protective equipment

Limitation and monitoring of environmental exposure See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

### 8.1 Parameters to be monitored

No limits from risk exposures are exceeded.

### 8.2 Limitation and control of exposure

Technical protection measures : Avoid dust formation. Provide adequate ventilation.

#### Personal protective equipment while working with the material

Hand protection : Protective gloves for temperatures > 200°C when handling molten material.

Respiratory protection : Wear respiratory protection if extraction is insufficient.

Eye protection : Safety goggles (EN 166)

Protective and hygiene measures : Do not eat, drink or smoke at work. Wash hands and face before work breaks and after work.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Granules
Colour	: White//Grey/Black
Odour	: No information available
pH value	: No information available
Melting range	: 70 - 130°C
Boiling range	: not applicable
Flash point	: not applicable
Ignition temperature	: No information available
Steam pressure	: not applicable
Lower explosion limit	: not applicable
Upper explosion limit	: not applicable
Density	: >1.3 g/cm <sup>3</sup>
Solubility in water	: insoluble

### 9.2 Other information

Bulk density (kg/m <sup>3</sup> )	: No information available
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under normal circumstances

### 10.2 Chemical stability

Stable under normal conditions of use

### 10.3 Possibility of hazardous reactions

Hazardous reactions	: None known
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## 10.4 Conditions to avoid:

Conditions to avoid : Avoid heating above 200°C.

## 10.5 Materials to avoid:

Materials to avoid : Strong oxidising agents, strong reducing agents, strong acids and alkalis

## 10.6 Disintegration products:

Heat treatment : In the event of thermal disintegration or in the event of fire, the following are possible: water vapour, carbon dioxide, carbon monoxide and oxides of nitrogen.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Product

Acute oral toxicity : no known effect

Acute toxicity when inhaled : no known effect

Acute dermal toxicity : no known effect

Irritating effect on the skin : no known effect

Serious eye damage or eye irritation : no known effect

Sensitisation of respiratory tract and skin : no known effect

Specific target organ toxicity in case of repeated exposure : not classified

Germ cell mutagenity : no known effect

Carcinogenicity : no known effect

Reproductive toxicity : no known effect

specific target organ toxicity in case of single exposure : not classified

Specific target organ toxicity in case of repeated exposure : not classified

Aspiration hazard : no known effect

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Notes : The product has not been subjected to a separate examination. The statement is derived from the specifications of the individual components. Additives are bound in the polymer matrix and are not freely available.

## 11.2 Information on other hazards

No known effect

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## SECTION 12: Environmental information

### 12.1 Toxicity

Acute aquatic toxicity : not classified

Chronic aquatic toxicity : not classified

### 12.2 Degradability and persistence

Material is inert and not degradable

### 12.3 Bioaccumulation potential

No information available

### 12.4 Mobility in the soil

No information available

### 12.5 Results of PBT and vPvB assessment

no information available

### 12.6 Endocrine disrupting properties

no information available

### 12.7 Other adverse effects

no information available

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## SECTION 13: Disposal instructions

Avoid release into the environment. Prevent the spread and runoff of released material as well as contact with soil, waterways, drains, and sewers. Dispose of contents and container in accordance with all local, regional, national, and international regulations. Contact an authorized waste disposal contractor. Empty containers may be recycled in accordance with national regulations.

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## SECTION 14: Transport information

This product is not classified as dangerous of transport.

### 14.1 UN number:

Not classified as dangerous goods

### 14.2 Proper UN shipping designation:

Not classified as dangerous goods

### 14.3 Transport hazard class:

Not classified as dangerous goods

### 14.4 Packaging group:

Not classified as dangerous goods

### 14.5 Environmental hazards

Not classified as dangerous goods

### 14.6 Special precautions for user

Land transport (ADR/RID) : no dangerous goods

Sea transport (IMDG code) : no dangerous goods

### 14.7 Transport in bulk as per Annex II of the MARPOL Convention and as per IBC Code

not applicable

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## SECTION 15: Regulations

### 15.1 Regulations on safety, health and environmental protection/specific legislation for the substance and mixture

EU guidelines : Regulation (EU) No 2023/2055  
Regulation (EU) No. 2020/878  
Regulation (EC) No 1272/2008  
Regulation (EC) No 1907/2006  
Regulation (EU) No 453/2010

Water hazard class (Germany) : Not hazardous to water

National regulations : No information available

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council.



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TRGS : Technical Rules for Hazardous Substances

vPvB : very persistent substance and very bioaccumulative

VO : Verordnung (Regulation)

The material meets the requirements of 2011/65/EC RoHS.

REACH: Condor Compounds GmbH is a downstream user and is not subject to the registration obligation. We remain in contact with our suppliers to ensure our supply of raw materials.

The information is based on our present knowledge; however, it constitutes no guarantee of material properties. In no case does the information constitute a guarantee but describes the product regarding safety requirements. Each respective user is strongly advised to check whether the product is suitable for the intended application area or the respective purpose. Liability for damages in connection with the use of this information is excluded. In other respects, please refer to our general conditions of sale.