

SAFETY DATA SHEET

LINK NR – LINK NR RT

SECTION 1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier	
Product name	LINK NR – LINK NR RT
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Intended use	Polymeric compound with self-extinguishing mineral fillers. Fire retardant and self-extinguishing heavy layers for sound insulation.
1.3 Details of the supplier of the safety data sheet.	
Name	LINK INDUSTRIES SPA
Full address.	Ponte Morosini 49
District and Country.	16126 - Genova – ITALIA Tel. +39 010.2546901 Fax. +39 010.2546999
e-mail address of the competent person responsible for the Safety Data Sheet	tecnico.isolamento@linkindustries.com
1.4 Emergency telephone number.	
For urgent inquiries refer to	For medical advice in English +49055119240

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture.	
Classification in compliance with the regulations (EC) N. 1272/2008. This material is not considered to be hazardous according to regulatory guidelines see Section 15.	
Health Hazard:	Material is not hazardous in the form in which it is placed on the market and under the normal and recommended conditions of storage and use.
Environment Hazards:	Material is stable under normal conditions of storage and use. It is not hazardous to the environment in its normal state

2.2 Elements of the label
No labelling according to the regulations (EC) N. 1272/2008.

Hazard pictograms:	-
Signal words:	-
Hazard statements:	-

Precautionary statements:	-
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This material should not be used for any other purpose than the intended use in Section 1.

2.3 Other hazards.

Physical / Chemical hazards: material can accumulate static charges which may cause an electrical discharge. The product is not considered to be a PBT and/or vPvB

SECTION 3. Composition/information on ingredients

3.1 Substances

Information not relevant.

The product can be supplied coupled with these materials that do not contained No Reportable Hazardous Substance(s) or Complex Substance(s):

-Nonwoven: CAS 25038-59-9 PES/PET Polyester Spunbond.

-Transfer Tape: Emulsion Acrylic adhesive on siliconized 2 face paper or on PE or PP film.

-Reinforced Aluminium Film or Aluminium Net: Aluminium and fiberglass net; aluminium.

3.2 Mixtures

polymeric compound with self-extinguishing mineral fillers. This product does not contain substances to be mentioned according to EU Regulation N°1907/2006 (REACH) Annex II

3.3 Other information

This product is an article in the sense of article 3 of the European Chemicals Regulation(REACH) 1907/2006/EC and therefore not subject to the labelling obligations according to EU regulation 1272/2008 (CLP). Submission of a safety data sheet is not mandatory for articles and is done on a voluntary basis

SECTION 4. First aid measures

4.1 Description of first aid measures

EYES	No hazard in normal use. In case of contact rinse eye thoroughly under running water keeping eyelids wide open
SKIN	No hazard in normal use. In case of contact with skin, clean with soap and water
INGESTION	First aid normally not required. Seek medical attention if discomfort occurs.
INHALATION	In case of adverse exposure to vapors and/or aerosol formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing equipment	Product itself is non-combustible; Use water fog, foam, dry chemical or carbon dioxide (CO ₂), sand to extinguish flame.
Unsuitable extinguishing equipment	High power water jet

5.2 Special hazards arising from the substance or mixture

Hazards caused by exposure in the event of fire	The product is self-extinguishing but in any case evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. In the event of fire, can be released flue gases, carbon oxides (Cox)
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5.3 Advice for firefighters

General information	The product is self-extinguishing. There may have traces of White smokes, Fumes, Oxide of carbon and other combustion and products. The degradation of the material starts at 180°C emitting steam. When exposed to flame, the product degrades without burning.
Protective equipment	Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire-expose surface and to protect personnel.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulation. Refer to protective measures listed in sections 7 and 8

6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations

6.3 Methods and material for containment and cleaning up

Land Spill: treated as solid urban waste.

Water Spill: treated as solid urban waste.

Note: local regulations may prescribe or limit action to be taken, see section 13. Collect mechanically.

6.4 Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Avoid elevated temperatures and conditions generating heat during transfer operations. Avoid conditions or places which create dust, sand, rain and snow. Do not handle, store or open flame, sources of heat or sources of ignition. Protect material from direct sun light. Material can accumulate static charges which may cause an electrical spark (ignition source). Care should be taken when storing and handling this product. Apart from the specific nature of the polymer compound, conditions such humidity, sunlight and temperature have influence on the way the product behaves during storage and handling. Special attention should be paid to avoid inappropriate stacking of sheets, rolls or package units. The product may be dimensionally unstable under certain condition.

Loading / Unloading: ambient

Transport temperature: ambient

Transport pressure: ambient

Static accumulator: this material is a static accumulator

7.2 Conditions for safe storage, including any incompatibilities

Do not store in open or unlabeled containers. Avoid elevated temperatures and conditions generating heat during storage. Store out of direct sun, in well ventilated, cool and dry place. Use the product within six months. The pallets should not be stacked with each other and to the same overlapping weights.

Storage temperature: ambient
 Storage pressure: ambient
 Suitable containers / Packaging: Rolls and/or sheets on pallets or boxes of wood, plastic or metal.
 Suitable Materials and Coatings: Plastic Coatings

7.3 Specific end use(s)

Information not available.

SECTION 8. Exposure controls/personal protection

8.1 Exposure limit value

ACGIH recommends for insoluble and poorly soluble particles not otherwise specified an 8-hour TWA of 10 mg/m³ (inhalable particles), 3 mg/m³ (respirable particles).

8.2 Control parameters

Not necessary in normal use.

HAND PROTECTION	Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability checked according to EN 374 and breakthrough time will differ depending on the specific use conditions. See the producer's data.
SKIN PROTECTION	Standard work clothes.
EYE PROTECTION	Wear suitable protective glasses (EN 166)
RESPIRATORY PROTECTION	Not necessary in normal use. If workplace exposure limits are exceeded, a respiration protection in the event that workplace threshold values are not specified
ENVIRONMENTAL EXPOSURE CONTROLS	Do not empty into drains

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance (23°C)	solid (sheets or rolls)
Colour	whit to off-white, Light gray
Odour	mild source / acid but almost odorless
pH	7/8
Boiling point	N/A
Melting point	N/A
Freezing point	N/D
Melting range	N/D
Flammable limit	N/D
Bulk density (23°C)	N/A
Relative density (23°C)	2,10 ± 0,20 g/cm ³
Density (23°C)	2000 Kg/m ³ ÷ 2220 Kg/m ³
Auto-ignition temperature	N/D
Conductivity	N/D
Viscosity	N/D
Flash point	N/D

Decomposition temperature	>= 180°C
Lower explosion limit	N/D
Upper explosion limit	N/D
Vapour pressure	N/D
Solubility in water	insolubile
Solubility	N/D
Partition coefficient n-octanol/water (log value)	N/D

9.2 Other information

No data available

SECTION 10. Stability and reactivity

10.1 Reactivity

The degradation of the material starts at 180°C emitting steam. When exposed to flame, the product degrades without burning

10.2 Chemical stability

Material is stable and inert under normal conditions in the recommended storage and handling conditions (see section 7). The degradation of the material starts at 180°C emitting steam. When exposed to flame, the product degrades without burning.

10.3 Possibility of hazardous reactions
None, when used as directed
10.4 Conditions to avoid
Protect from heat and direct sunlight. Static discharges. Moisture
10.5 Incompatible materials
Particularly acid solution, solvents and gasoline.
10.6 Hazardous decomposition products.
Material does not decompose at ambient temperatures (see section 5). None if stored, handled and transported properly

SECTION 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008

11.1 Information on toxicological effects	
Metabolism, toxicokinetics. Mechanism of action and other information	Material does not present any intrinsic health hazard when processed or handled according to correct working procedures.
Information on likely routes of exposure	Carcinogenicity, Mutagenicity, Reproductive toxicity: no evidence of these effects has been reported for the product.

11.2 information on other hazards

No data available

SECTION 12. Ecological information

The informations given are based on data available for the material, the composition of the material, and similar materials. See section 5 and 10.

12.1 Ecotoxicity
Material: not expected to be harmful to aquatic and terrestrial organisms.
12.2 Persistence and degradability
The compound contains non-biodegradable polymers.
12.3 Bioaccumulative potential
Information not available.
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12.4 Mobility in soil
Material: use according to good working practice, and avoid re leasing the product into the environment. The product not float.

12.5 Results of PBT and vPvB assessment

The product is not considered to be a PBT and/ or vPvB

12.6 Endocrine disrupting properties

Information not available.

12.7 Other adverse effects

Information not available.

SECTION 13. Disposal considerations

13.1 Description and handling of residues

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time disposal. Allocation of a waste code number, according to the European Waste Catalogue should be carried out in agreement with the regional waste disposal company

13.2 Disposal recommendations

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal. Landfilling should be avoided as far as possible. If unavoidable, use approved landfill site. Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal

13.3 Recycling

The only heavy layer compound after suitable treatment (cleaning, grinding, etc.) can be safely re-used, as is or mixed with fresh material, when this is compatible with the intended final

13.4 European waste code

N/D

SECTION 14. Transport information

The product is not regulated / classified as dangerous for transport according to the following regulations: ADR/RID/IMDG/ADN/ICAO-TI/IATA.

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the available data and/or information provided by upstream suppliers, this product does not contain substances considered to be subject to authorisation included in Annex XIV to REACH Regulation (EC) 1907/2006
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REACH list of substances of very high concern (SVHCs) candidates for authorisation

According to the available data and/or information provided by suppliers, this product does not contain substances/substances that are considered to be likely to be subject/subject to inclusion in Annex XIV (the "Authorisation List") pursuant to Articles 57 and REACH Regulation (EC) 1907/2006

Regulation (EC) No 1907/2006 (REACH) Annex XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles

According to the available data and/or information provided by suppliers, this product does not contain substances that are restricted in accordance with Annex XVII to REACH Regulation (EC) 1907/2006

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

Product not covered by Part 1 or 2 of Annex I

15.2 Chemical safety assessment

No data available

SECTION 16. Other information

Applicable directives and regulations
1907/2006 (Registration, Evaluation, Authorization and Restrictions for Chemicals, as amended)
1272/2008 (Classification and labelling of substances and mixtures and subsequent amendments)
Directive 2000/39/CE
Directive 2006/15/CE
Directive 2009/161/UE
Directive 2017/164 UE

