



VOLTECO Spa

BI FLEX

Revision n. 3.0

Revision date 26/03/2019

Printed on 26/03/2019

Page no. 1 / 4

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

1.1 Product identifier

Name **BI FLEX**

1.2. Identified relevant uses of the substance or mixture and non-recommended uses

Description/Use **Sealing tape for joints**

1.3. Supplier information of the safety data sheet

Company Name	VOLTECO Spa
Address	Via delle Industrie, 47
District and Country	31050 Ponzano Veneto (TV) - IT
Telephone	+39 0422 9663
Fax	+39 0422 966401
e-mail address of the person in charge of the safety data sheet	volteco@volteco.it

1.4. Emergency telephone number

For urgent enquiries, please contact **+39 0422 9663**

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Based on EC Regulation 1272/2008 the product is not classified as hazardous.

2.2 Label elements

Danger of slipperiness in case of spilled/leaked product.
The loose product can create serious damage from burns.
A flammable air/dust mixture can cause abrasion on the material.

2.3 Other hazards

Information not available.

SECTION 3. Composition/information on ingredients

3.1 Information on product composition

Thermoplastic elastomer compound

3.2 Hazardous components

None.

3.2 Mixture

Hazardous components **None.**

SECTION 4. First aid measures

4.1 General information

The product is not classified as hazardous.
Some dangers appear nevertheless during processing or use.

4.2 After inhaling

The product is not classified as hazardous.
Inhaling the powder product can cause irritation of the respiratory tract.
Prolonged inhalation of high amounts of decomposition products can cause headache and irritate the respiratory tract.

4.3 Following contact with skin

Follow the doctor's instructions.

SECTION 5. Fire-fighting measures

5.1 Extinguishing agents

Adequate fire-fighting agents: spray jets of water, fire-prevention powder, CO₂, foam.

Suitable extinguishing agents **Jets of water spray, fire-prevention powder, CO₂, foam.**

Unsuitable extinguishing agents **None.**



VOLTECO Spa

BI FLEX

Revision n. 3.0

Revision date 26/03/2019

Printed on 26/03/2019

Page no. 2 / 4

5.2 Special hazards arising from the substance or mixture

None.

SECTION 6. Accidental release measures

6.1 Methods and materials for containment and cleaning up

Remove released granules by collecting them with vacuum or cleaning the floor.

Material leaking onto the floor must be immediately removed to prevent accidents caused by slipping.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

When processed and subjected to thermal treatment, the product releases modest quantities of volatile hydrocarbons.

Suitable ventilation must be ensured.

It may be necessary to install a system to extract fumes from the processing site.

Avoid inhaling dust or vapours.

The product's dust can generate the risk of explosion.

If necessary, earth the equipment.

7.2 Conditions for safe storage, including any incompatibility

Store the product in a cool and dry place.

Do not store with foodstuffs and beverages.

Protect against prolonged exposure to sunlight.

7.3 Specific end uses

No additional information for specific end uses (see Section 1.2).

SECTION 8. Exposure control/personal protection

8.1 Control parameters

Make sure there is adequate ventilation.

It may be necessary to install a system to extract fumes from the processing site.

8.2 Exposure controls

If dust is created and the product is processed at high temperatures, provide efficient extraction at the source.

8.3 Hygiene measures

Use the normal precautionary measures for handling synthetic materials.

Do not inhale vapours.

SECTION 9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Description	Values
Physical state	Polymer film
Odour	Type of polymers
Colour	Grey
pH	Not relevant
Melting point	120 °C
Initial boiling point	Not available.
Flash point	> 250 °C
Vapour pressure	0.9 - 1.0 g/m ³
Vapour density	Not available.
Apparent density	0.45 - 0.7 g/m ³
Solubility	Not soluble in water
Explosive properties	Abraded particles < 500 µm

SECTION 10. Stability and reactivity

10.1. Conditions to be avoided



VOLTECO Spa

BI FLEX

Revision n. 3.0

Revision date 26/03/2019

Printed on 26/03/2019

Page no. 3 / 4

Avoid temperatures exceeding the recommended processability temperatures.

10.2 Incompatible materials

Strong oxidants.

10.3 Hazardous decomposition products

Information not available.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

If the product is handled in observance of general rules of hygiene, it is unlikely to be harmful to health.

No available experimental data.

SECTION 12. Ecological information

12.1 Toxicity

The product is not classified as hazardous for the environment.

12.2 Persistence to biodegradability

The product is not toxic but is not easily biodegradable. Stop the product from getting into sewers, the soil and in surface and ground water.

SECTION 13. Disposal considerations

13.1 Waste processing methods

Prevent the product from entering the drains, surface water, ground water and confined areas.

The product can be disposed of in an incinerator in accordance with Local Regulations.

SECTION 14. Transport information

14.1 Transport rules

The product is not classified as dangerous in accordance with the provisions in force concerning transport of dangerous goods by road (ADR) and by Rail (RID), by sea (IMDG Code) and by air (IATA).

SECTION 15. Regulatory information

15.1 Labelling according to EU Regulation 1272/2008

Product not subject to labelling rules.

15.2 Labelling according to Directive 1999/45/EC

Product not subject to labelling rules.

15.3 EU Directive 1999/13/EC on the limitation of emissions of volatile organic compounds ("VOC" Directive)

The product does not contain volatile organic substances, in accordance with Directive 1999/13/EC.

15.4 Hazard classification for water in accordance with German Regulations

No hazard for water based on the VwVwS self-assessment.

SECTION 16. Other information

KEY:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS NUMBER: Chemical Abstract Service NUMBER
- CE50: Concentration that causes effect to 50% of the population subjected to a test
- CE NUMBER: Identification NUMBER in ESIS (European archive of existing substances)
- CLP: Classification, Labelling, Packaging (EC Regulation No. 1272/2008)
- DNEL: Derived no effect level
- EmS: Emergency Schedule
- GHS: Global harmonised system to classify and label Chemical products
- IATA DGR: Regulations to transport Dangerous Goods of the International Air transport Association
- IC50: Concentration that immobilises 50% of the population subjected to a test
- IMDG: International maritime code for transport of Dangerous Goods
- IMO: International maritime Organization



VOLTECO Spa

BI FLEX

Revision n. 3.0

Revision date 26/03/2019

Printed on 26/03/2019

Page no. 4 / 4

- INDEX NUMBER: INDEX NUMBER of Annex VI of the CLP
- LC50: Lethal concentration for 50% of the test population
- LD50: Lethal dose for 50% of the test population
- OEL: EU occupational exposure limit value
- PBT: Persistent bioaccumulative and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable exposure level
- PNEC: Predicted no-effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
- TLV: occupational exposure threshold limit value
- TLV CEILING: concentration that must Not be exceeded during any time of working exposure
- TWA STEL: Short time exposure limit
- TWA: 8-hour time-weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very Persistent and Very bioaccumulative according to REACH

GENERAL BIBLIOGRAPHY:

- EC Regulation No. 1907/2006 of the European Parliament (REACH)
- EC Regulation No. 1272/2008 of the European Parliament (CLP)
- EC Regulation No. 790/2009 of the European Parliament (I Atp. CLP)
- EC Regulation No. 453/2010 of the European Parliament
- EC Regulation No. 286/2011 of the European Parliament (II Atp. CLP)
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- Niosh - Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1989
- ECHA Agency website

Note for the user

The information contained in this data sheet is based on the knowledge available to us at the date of the last version.

The user must verify the suitability and completeness of the information according to each specific use of the product.

This document must not be considered a guarantee of any specific property of the product.

Since product use is not subject to our direct control, the user is obliged, under his own responsibility, to comply with the health and safety regulations and laws in force. We accept no responsibility for improper use.

We accept no responsibility for improper use.

Provide adequate training to people in charge of using chemical products.