



# VOLTECO Spa

Revision no. 2.0

Date of revision 02/11/2015

## BIFLEX

Printed on 02/11/2015

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### Safety Data Sheet

#### SECTION 1. Identification of the substance or mixture and the company/business

##### 1.1 Product identifier

Name **BIFLEX**

##### 1.2. Relevant uses identified 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**  
**Tel. 04229663**  
**Fax 0422966401**

email of the person in charge  
of the safety date sheet **volteco@volteco.it**

##### 1.4. Emergency telephone number

For urgent enquiries, please contact **04229663**

#### SECTION 2. Hazard identification.

##### 2.1. Classification of the substance or mixture.

According to Directive 1999/45/EC, the product is not classified as hazardous

##### 2.2. Label elements.

Special danger of slipping by leaked/spilled product.  
The molten product can cause serious injury from burns.  
Abrasion of the material can result in flammable dust/air mixture

##### 2.3. Other hazards.

#### SECTION 3. Composition/information on the ingredients.

##### 3.1. Information on product/composition:

Thermoplastic elastomer compound

##### 3.2. Hazardous ingredients\*:

None

##### 3.3. Remark:

None

#### SECTION 4. First aid measures.

##### 4.1. General information

The product is not classified as hazardous. Certain dangers might however occur during processing or application



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### 4.2. After Inhalation:

The product is not classified as hazardous. Inhalation of powdery product dust can however irritate the respiratory passages. Prolonged inhalation of large quantities of decomposition products can cause headaches and irritation to the respiratory passages.

### 4.3. After skin contact

In the event of skin contact with molten granules, cool affected area with plenty of cold water.

## SECTION 5. Fire-fighting measures.

### 5.1. Extinguishing agents

Water jet spray, dry powder, foam or carbon dioxide

### 5.2. Extinguishing media which must not be used for safety reasons

## SECTION 6. Measures in case of an accidental leak.

### 6.1. Methods and materials for containment and cleaning up

Remove spilled granules by taking them up with a vacuum cleaner or by sweeping the floor. Material spilled on the floor must be removed immediately to prevent accidents from slipping

## SECTION 7. Handling and storage.

### 7.1. Handling

During processing and thermal treatment, small quantities of volatile hydrocarbons are released. Ensure proper ventilation. It might be necessary to install a fume extraction system on site. Avoid inhaling dust or vapours. Product dust always poses a risk of dust explosion. If necessary, earth machines

### 7.2. Storage

Store in a cool and dry space. Do not store together with foodstuff, beverages or feed. Protect against prolonged direct sunlight

### 7.3. Specific end uses

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

## SECTION 8. Control of individual exposure/protection.

### 8.1. Control parameters.

Ensure proper ventilation. It might be necessary to install a fume extraction system on site.

### 8.2. Exposure controls

In the event of dust generation and if the product is processed at high temperature, provide for effective at-source extraction.

### 8.3.3 Hygiene measures

Take general precautionary measures for the safe handling of synthetics. Do not inhale vapours

## SECTION 9. Physical and chemical properties.

### 9.1. Information on the basic physical and chemical properties.

Physical state:

Odour:

Colour:

pH:

Polymer film

Type of polymers

yellow

Not relevant



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Melting point:	>120C
Boiling point:	Not applicable
Flash point:	> 250 °C
Vapour pressure:	Not available.
Density (g/cm <sup>3</sup> ):	0,9 -1,0
Bulk density (g/cm <sup>3</sup> ):	0,45-0,7
Solubility in water:	Insoluble
Dust explosion risk:	abraded particles < 500 µm only.

### SECTION 10. Stability and reactivity.

#### 10.1. Conditions to avoid

Avoid temperatures above the recommended processing temperature.

#### 10.2. Incompatible materials

Strong oxidants

#### 10.3. Hazardous decomposition products.

### SECTION 11. Toxicological information.

#### 11.1. Information on toxicological effects.

If handled properly and in accordance with general occupational hygiene rules, the product is unlikely to be harmful to health. There are no experimental data available for this product

### SECTION 12. Ecological information.

#### 12.1. Toxicity

The product is not classified as hazardous to the environment.

#### 12.2. Persistence and degradability

The product is not toxic but not easily biodegradable. Do not allow to enter sewers, soil, surface or ground water

### SECTION 13. Disposal considerations.

#### 13.1. Waste treatment methods

Do not allow to enter sewer, surface or ground water. The product can be disposed of through incineration in a suitable incineration unit, and according to the statutory regulations.

### SECTION 14. Transport information.

#### 14.1. Statutory transport regulations

The product is not classified as hazardous under international transport law

### SECTION 15. Regulatory information.

#### 15.1 EU labelling regulations (Regulation EC No.1272/2008)

Product not subject to labelling provisions.

#### 15.2 EU labelling regulations (Directive1999/45/EC)

Product not subject to labelling provisions

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



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Product does not contain volatile organic compounds according to Directive 1999/13/EC.

#### 15.4 Water hazard classification according to German regulations

Not hazardous to water according to VwVwS self-assessment.

### SECTION 16. Other information.

#### KEY:

- ADR: European agreement for transport of dangerous goods on the 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: Regulation EC 1272/2008
- DNEL: Derived no level effect
- 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
- INDEX NUMBER: Index number of the attached VI of CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational exposure limit
- 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: Regulation for international transport of dangerous goods by train
- TLV: Threshold limit value
- TLV CEILING: Concentration that must not be exceeded during any time of working exposure.
- TWA STEL: Short time exposure limit
- TWA: Time weighted average for exposure
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulative according to Reach.

#### GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/EC and subsequent amendments
2. Directive 67/548/EEC and subsequent amendments and adjustments
3. Regulation (EC) No. 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) No. 790/2009 of the European Parliament (I Atp. CLP)
6. Regulation (EC) No. 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)
8. The Merck Index. Ed. 10
9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989
14. 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.

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