	<b>BOSSIL TECHNOLOGY SDN. BHD.</b>	Issued date : 31/03/08
	Material Safety Data Sheet	Rev. No. : 2
	<b>BS-8160 Butyl Sealant</b>	Revised date : 03/12/12 Page : 1 of 4

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

**Product name** : BS-8160 Butyl Sealant

**Company** : Bossil Technology LLC  
C/O19M, Jalan SS21/56B,  
Damansara Utama,  
47400 Petaling Jaya, Selangor,  
Malaysia.

**Email** : [sales@bossil.com](mailto:sales@bossil.com)  
**Website** : [www.bossil.com](http://www.bossil.com)

## 2. Hazard(s) identification

**GHS Classification**

Not hazardous

**GHS Label:** None

**Signal word:** None

**Hazard Statement(s):** None

**Precautionary Statement(s):**


**P264** Wash hands thoroughly after handling.  
**P280** Wear protective gloves/protective clothing/eye protection/face protection.  
**P302+P352** IF ON SKIN: Wash with soap and water.  
**P305+P351+P338** IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
**P333+P313** If skin irritation or a rash occurs: Get medical advice/attention.  
**P337+P313** If eye irritation persists: Get medical advice/attention.

## 3. Composition/Information on ingredients

Chemical name	CAS No.	EINECS	% (w/w)	Toxicology Data
Isobutylene-Isoprene Polymer	9010-85-9	-	> 10	LD <sub>50</sub> oral (rat): No data LD <sub>50</sub> dermal (rabbit): No data LC <sub>50</sub> inhalation: No data

## 4. First-aid measures

- **Inhalation:** Remove to fresh air, keep warm and at rest. Contact physician if discomfort persists.
  - **Skin contact:** Remove contaminated clothing. Rinse with copious amount of water. Contact physician if discomfort persists.
  - **Eye contact:** Contact lenses should be removed. Rinse with copious amount of water immediately, seek medical advice if necessary.
  - **Ingestion:** Seek medical advice immediately. DO NOT induce vomiting. Drink plenty of water followed by milk if available. Never give anything by mouth to an unconscious person.
- Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

	<b>BOSSIL TECHNOLOGY SDN. BHD.</b>	<b>Issued date</b> : 31/03/08
	<b>Material Safety Data Sheet</b>	<b>Rev. No.</b> : 2
	<b>BS-8160 Butyl Sealant</b>	<b>Revised date</b> : 03/12/12 <b>Page</b> : 2 of 4

## 5. Fire-fighting measures

- **Suitable extinguishing media:** Water spray, foam, Carbon dioxide, dry powder, sand.
- **Unsuitable extinguishing media:** Do not use water in a jet.
- **Hazardous composition:** Carbon monoxide, carbon dioxide and Nitrogen oxides.

## 6. Accidental release measures

- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Personal precautions:** Exclude non-essential personnel. Avoid breathing vapours.
- **Methods for cleaning up:** Collect spillages mechanically and store in suitable covered container.

## 7. Handling and storage

- **Handling:** Ensure good ventilation during processing. Do not eat, drink or smoke while handling.
- **Protection against fire/explosion:** General rules of fire prevention should be observed.
- **Storage:** Store in dry and cool place with temperature below +30°C.

## 8. Exposure controls/personal protection


- **Industrial hygiene:** Remove immediately all contaminated clothing. Do not inhale vapor. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke while using the product. Change clothing before leaving workplace.
- **Hand protection:** A protective glove is recommended.
- **Eye protection:** Protective goggles/safety glasses.

## 9. Physical and chemical properties

- **Form** : Tacky, rubbery band
- **Color** : Black
- **Heat resistance** : Up to 70°C
- **Density (25°C)** : 1.4 – 1.6

## 10. Stability and reactivity

- **Stability:** Stable when stored under recommended conditions.
- **Conditions to avoid:** Not determined
- **Hazardous decomposition products:** None
- **Dangerous reactions:** React with alcohols, amines, aqueous acids and alkalis.

	<b>BOSSIL TECHNOLOGY SDN. BHD.</b>	<b>Issued date</b> : 31/03/08
	<b>Material Safety Data Sheet</b>	<b>Rev. No.</b> : 2
	<b>BS-8160 Butyl Sealant</b>	<b>Revised date</b> : 03/12/12 <b>Page</b> : 3 of 4

## 11. Toxicology information

No specific oral, inhalation or dermal toxicology data is known for this product.

- **LD50 (Oral):** Unknown
- **LD50 (Dermal):** Unknown
- **LC50 (Inhalation):** Unknown.

## 12. Ecological information

- **Persistence/Degradability** : Not determined
- **Ecology toxicity** : Not determined

Individual components of this mixture have been independently tested by the raw material suppliers and any known results have been presented above. The results for the individual components may not be representative of the ecological toxicity of this finished product. This finished product has not been tested to determine individual toxicological/ecological limits. Great caution should be taken to prevent release to the environment. See Section 13 for further information.

## 13. Disposal information

Preferred method of disposal includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even in small quantities, should never be poured down into drains, sewers or watercourses. Waste must be disposed of in accordance with federal, state and local environmental control regulations. This material, when properly mixed and cured at the proper mix ratio, may be safely landfilled.

## 14. Transport information

### Road transport ADR

Not regulated

### Marine transport IMDG

Not regulated

### Air transport IATA

Not regulated


## 15. Regulatory information

**EU Classification:** Not hazardous.

**EU Risk(R) Phrases:** None

### EU Safety(S) Phrases:

- S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**S28** After contact with skin, wash immediately with plenty of soap with water.  
**S36/37/39** Wear suitable protective clothing, gloves and eye/face protection.

	<b>BOSSIL TECHNOLOGY SDN. BHD.</b>	<b>Issued date</b> : 31/03/08
	<b>Material Safety Data Sheet</b>	<b>Rev. No.</b> : 2
	<b>BS-8160 Butyl Sealant</b>	<b>Revised date</b> : 03/12/12 <b>Page</b> : 4 of 4

## 16. Other information

### Definitions:

- **EINECS** : European Inventory of Existing Commercial Chemical Substances.
- **TLV** : Threshold Limit Value.
- **LD<sub>50</sub>** : The minimum dose required for lethal effects in 50% of a given population of test specimens.
- **NIOSH** : National Institute for Occupational Safety and Health.

All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. The details contained herein are based on our present state of knowledge and experience in characterizing our product with regard to any possible safety requirement. We do, however, pass them on without any warranty or property assurances.