	BOSSIL TECHNOLOGY SDN. BHD.	Issued date	: 31/03/09
	Safety Data Sheet	Rev. No.	: 5
	BS-8154 / BS-8156 Liquid Gasket 1101	Revised date	: 15/05/15
		Page	: 1 of 5

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

Product name : BS-8154 / BS-8156 Liquid Gasket 1101

Company : Bossil Technology Sdn Bhd
22A-1, Jalan Tasik Utama 10,
The Trillium @ Lake Fields,
Sg Besi, 57000 Kuala Lumpur
Malaysia

Telephone : +6016-2119190
Email : sales@bossil.com
Website : http://www.bossil.com

2. Hazard(s) identification

GHS Classification

Health	Environmental	Physical
Repr. 2 Asp. Tox. 1 STOT RE 2 Skin Irrit. 2 STOT SE 3		Flam. Liq. 3

GHS Label




Signal word: Danger

Hazard Statement(s):

H225 Highly flammable liquid and vapour.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

Precautionary Statement (s):

P102 Keep out of reach of children.
P403 Keep container in a well-ventilated place.
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 If swallowed: Immediately call a POISON CENTER or doctor/physician
P301+330+331 If swallowed: Rinse mouth, DO NOT induced vomiting.

	BOSSIL TECHNOLOGY SDN. BHD.	Issued date	: 31/03/09
	Safety Data Sheet	Rev. No.	: 5
	BS-8154 / BS-8156 Liquid Gasket 1101	Revised date	: 15/05/15
		Page	: 2 of 5

3. Composition/Information on ingredients

Chemical name	CAS No.	EINECS	% (w/w)	Toxicology Data
Chloroprene Rubber	9010-98-4	-	<15	LD ₅₀ oral (rat): N/A LD ₅₀ dermal (rabbit): N/A LC ₅₀ inhalation: N/A
Hydrocarbon Resin	69430-35-9	-	>5	LD ₅₀ oral (rat): >5000 mg/kg LD ₅₀ dermal (rabbit): N/A LC ₅₀ inhalation: N/A
Magnesium oxide	1309-48-4	215-171-9	<3	LD ₅₀ oral (rat): N/A LD ₅₀ dermal (rabbit): N/A LC ₅₀ inhalation: N/A
Xylene	1330-20-7	215-535-7	>70	LD ₅₀ oral (rat): 2119 mg/kg LD ₅₀ dermal (rabbit): >1700 mg/kg LC ₅₀ inhalation: >5 mg/l
Butanone	78-93-3	201-159-0		LD ₅₀ oral (rat): 2080 mg/kg LD ₅₀ dermal (rabbit): N/A LC ₅₀ inhalation: 23,000 mg/kg
Amorphous Fumed Silica	112945-52-5	-	<2	LD ₅₀ oral (rat): 5000 mg/kg LD ₅₀ dermal (rabbit): 2000 mg/kg LC ₅₀ inhalation (rat): N/A


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).

5. Fire-fighting measures

- **Suitable extinguishing media:** Use dry chemical powder, foam, carbon dioxide, water fog.
- **Special fire fighting procedures:** Keep up-wind to avoid fumes. Use self-contained breathing apparatus in confined areas.
- **Unusual fire/explosion hazards:** None known.
- **Hazardous combustion products:** Carbon monoxide, carbon dioxide, oxides of nitrogen.
- **Protective measures in fire:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

	BOSSIL TECHNOLOGY SDN. BHD.	Issued date	: 31/03/09
	Safety Data Sheet	Rev. No.	: 5
	BS-8154 / BS-8156 Liquid Gasket 1101	Revised date	: 15/05/15
		Page	: 3 of 5

6. Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
- **Measure for cleaning/collecting:** Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust, etc). Dispose of contaminated material as waste according to item 13.
- **Additional information:** Prevent spillage from entering drainage/sewer systems. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body

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:** Keep syringe tightly closed and dry. Store in a well-ventilated area, protected from direct sunlight and heat.

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:** Suitable protective gloves like nitrile or viton are recommended. The breakthrough time of the selected glove must be greater than the intended use period.
- **Respiratory protection:** An organic respirator NIOSH-approved for organic vapors is recommended where local ventilation is not adequate.
- **Eye protection:** Protective goggles/safety glasses.

9. Physical and chemical properties

- **Form** : Viscous Liquid
- **Color** : Grey
- **Odor** : Aromatic Odour
- **Flash Point** : -9°C
- **Solid Content** : 42-44%
- **Solubility in water** : Insoluble
- **Density(25°C)** : 1.01 +/- 0.03 g/cm³

10. Stability and reactivity

- **Hazardous decomposition products:** None
- **Hazardous reaction:** No dangerous reaction is known.

	BOSSIL TECHNOLOGY SDN. BHD.	Issued date	: 31/03/09
	Safety Data Sheet	Rev. No.	: 5
	BS-8154 / BS-8156 Liquid Gasket 1101	Revised date	: 15/05/15
		Page	: 4 of 5

11. Toxicology information

- **Skin** : May cause sensitization
- **Eyes** : Possibly irritating

12. Ecological information

- **Environmental effect** : Large quantities of products should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

13. Disposal information

- **Product disposal:** Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected.
- **Packaging disposal:** Residue in emptied containers should be covered and should be disposed of in accordance with regulations made under the control of Pollution & Environment Protection Acts.


14. Transport information

Road transport ADR

- **Proper shipping name** : Adhesives, containing flammable liquid
- **Technical name** : Flammable Liquid N.O.S (Contains Butanone and Xylene)
- **UN number** : UN 1133
- **Hazard class** : 3
- **Packaging group** : PG II

Marine transport IMDG

- **Proper shipping name** : Adhesives, containing flammable liquid
- **Technical name** : Flammable Liquid N.O.S (Contains Butanone and Xylene)
- **UN number** : UN 1133
- **Hazard class** : 3
- **Packaging group** : PG II

	BOSSIL TECHNOLOGY SDN. BHD.	Issued date	: 31/03/09
	Safety Data Sheet	Rev. No.	: 5
	BS-8154 / BS-8156 Liquid Gasket 1101	Revised date	: 15/05/15
		Page	: 5 of 5

15. Regulatory information

EU Classification:

F Flammable
Xi Irritant
Xn Harmful

EU Risk(R) Phrases:

R11 Highly Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R36 Irritating to eyes.
R38 Irritating to skin.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness

EU Risk(R) Phrases:

S2 Keep out of the reach of children.
S25 Avoid contact with eyes.
S29 Do not empty into drains
S36/37 Wear suitable protective clothing and gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.
S61 Avoid release to the environment. Refer to special instructions/safety data sheet
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. Other information

Definitions:

- **EINECS** : European Inventory of Existing Commercial Chemical Substances.
- **TLV** : Threshold Limit Value.
- **LD₅₀** : 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.