Safety Data Sheet

Effective Date: June 04, 2011 Print Date: June 04, 2011

1. CHEMICAL NAME AND COMPANY NAME

CHEMICAL PRODUCT NAME 1260

Liquid Gasket

NAME OF MANUFACTURER Three Bond Singapore Pte Ltd

5, Joo Koon Crescent, Jurong,

Singapore 629009

AUSTRALIA BRANCH: 2/38 JELLICO DR, SCORESBY VIC 3179 PHONE NO: 03 9753 2522 FAX NO: 03 9753 2522 AUSTRALIA MANAGER: WESLEY MALLETT AFTER HOURS CONTACT NO: 0417 350 027

2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE		Mixture
C	OMPOSITION	Wt %
•	Polyalkylsiloxane	60 ~ 80
•	Oxime silane	< 5
•	Silica (Silicon dioxide)	5 ~ 15
•	Dialky tin compound	< 1
•	Adhesion promoting agent	< 5
•	Pigment	<u>< 5</u>
	Total	100

3. HAZARDS IDENTIFICATION

CLASSIFICATION

UN Classification Not applicable UN Number Not applicable

PHYSICAL AND CHEMICAL HAZARDS

Flammable liquid.

ADVERSE HUMAN HEATH EFFECTS

Eye contact

Causes eye irritation and pain.

Skin contact

May cause skin irritation.

Inhalation

Cause mild respiration tract irritation.

Ingestion

Maybe harmful to health if swallowed.

4. FIRST AID MEASURES

EYE CONTACT

Flush eyes with water for at least 15 minutes. Then immediately consult a physician.

While flushing eye, pull back eyelids to expose eyeball to the water as much as possible.

SKIN CONTACT

Immediately remove contaminated clothes, shoes, etc. Wash off product from affected area with soap and water.

INHALATION

Move victim to fresh air. In the case of poisoning emergency, calm victim down, keep him warm and seek medical treatment.

INGESTION

Induce vomiting immediately. Then immediately seek medical treatment.

Safety Data Sheet

1260 Effective Date: June 04, 2011 Print Date: June 04, 2011

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Dry powder, carbon dioxide, foam and dry sand.

SPECIFIC HAZARDS WITH REGARD TO FIRE FIGHTING MEASURES

No known hazards at this moment.

SPECIFIC METHODS/ PROTECTION OF FIRE FIGHTERS

Remove source of combustibles. Extinguish the fire using fire-fighting media listed below. Cool surrounding tanks, buildings and so on by spraying water on them. Fire fighting should be done from the windward side with suitable respiratory protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Evacuate people on the leeward. Keep people from the area and remove sources of ignition.

Wear protective equipment during work. Work on the windward side. In case of large spill, put in container for recovery after preventing spill by sand or sandbags. In case of small spill, put in an empty container for recovery after wiping or soaking up in inert material.

7. HANDLING AND STORAGE

HANDLING

- Wear eye, hand and respiratory protection during handling.
- Avoid any source of ignition due to flammability.
- Ground equipment due to expected sensitivity to static.
- Use immediately after seal is open. Be careful that moisture vapor do not mix in this product because this product is cured by hydrolysis with moisture in air..

STORAGE

Store in dark, cool indoor with seal container.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

CONTROL PARAMETERS

WSHA PEL	(Singapore,	2006)
----------	-------------	-------

	(Short Term)	(Long Term)
Polyalkylsiloxane	 Not available	Not available
Oxime silane	 Not available	Not available
Silica (Silicon dioxide)	 Not available	Not available
Dialky tin compound	 Not available	Not available
Adhesion promoting agent	 Not available	Not available
Pigment	 Not available	Not available

ENGINEERING MEASURES

When handling this product, use a closed circulating mechanical ventilation system. Place safety showers and hand washing sink near work area and clearly marked.

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION

Mask which shields organic gas.

EYE PROTECTION

Goggles or regular glasses with side shields.

HAND, SKIN AND BODY PROTECTION

Wear rubber, solvent resistant or other impervious gloves. Wear apron, boots, etc., as appropriate. Do not work with short sleeve shirt

Safety Data Sheet

1260 Effective Date: June 04, 2011 Print Date: June 04, 2011

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOUR, ODOUR, PHYSICAL STATE Gray paste, unique smell

BOILING POINT 1.04

MELTING POINT No data

SPECIFIC GRAVITY No data

VAPOR PRESSURE No data

VAPOUR DENSITY No data

SOLUBILITY IN WATER Insoluble

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

FLASH POINT 63°C AUTOIGNITION TEMPERATURE 450°C

EXPLOSIVE LIMIT

CONDITIONS/ MATERIALS TO AVOID

DECOMPOSITION MATERIALS

No data available at this time

No data available at this time

No data available at this time

STABILITY AND REACTIVITY Substantially stable. Catalysis of strong acids or

bases causes polymerization or decomposition.

11. TOXICOLOGICAL INFORMATION

Toxicity of methyl ethyl ketoxime (MEKO) liberated when the material is in touch with water,

or moisture in the air, or when material is curing:

Skin contact : May cause mild skin irritation.

Eye contact : Causes severe eye irritation. May damage tissue.

Acute oral toxicity : LD_{40} 4ml/kg (rat) Acute inhalation : $LD_{50} \ge 4.8$ mg/l/4h (rat)

Inhalation toxicity : Narcotic in high concentration. Return to normal when exposure ends.

Prolonged overexposure causes adverse effects on blood.

Skin sensitivity : Positive (Guinea pig). No allergy reactions to humans.

Nerve toxicity : Temporary declination of mental function at high concentrations.

Carcinogenicity : A lifetime (about 2 years) inhalation study in male and female mice and

rats,

revealed that liver tumors were observed in male mice and rats at a high

exposure level of 375ppm.

Other long term : Atrophy of small epithelium cells was observed in mice and rats.

exposure tests

12. ECOLOGICAL CONSIDERATIONS

No data available at this time.

13. <u>DISPOSAL CONSIDERATIONS</u>

To dispose product, incinerate. Handle in accordance with 7. Handling and Storage.

14. TRANSPORT INFORMATION

Handle in accordance to 7. Handling and Storage.

15. REGULATORY INFORMATION

Handle in accordance with applicable laws and regulations.

Safety Data Sheet

1260 Effective Date: June 04, 2007 Print Date: June 04, 2007

16. OTHER INFORMATION

- Portions of the above evaluation of dangerous and harmful effects may be insufficient. Please perform adequate investigation.
- The contents in this report are based on information, which was available as of the effective date, but Three Bond Co. Ltd and its affiliates are not responsible for guaranteeing the above data and evaluations. The above data assumes usage under normal working conditions. In case special handling is required, please handle with suitable safety measures according to the application and usage.
- The contents in this report may change due to new evaluation and tests etc.