

Safety Data Sheet

Effective Date: September 5, 2012

Print Date: August 19th, 2013

1. CHEMICAL NAME AND COMPANY NAME

CHEMICAL PRODUCT NAME

Three Bond 1377B
Anaerobic Adhesive & Sealant

NAME OF MANUFACTURER

Three Bond Co., Ltd
Administrative Department
Material Research Division
1456, Hazama-cho, Hachioji-shi Tokyo, Japan

AUSTRALIA BRANCH: 2 / 38 JELICO DR, SCORESBY, VIC 3179 PHONE NO: 03 9753 2555 FAX NO: 9753 2566

AUSTRALIA MANAGER: WESLEY MALLET AFTER HOURS CONTACT 0417 350 027

2. COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE

Mixture

COMPOSITION

Wt %

Methacrylic ester, Others

100

Total

100

3. HAZARDS IDENTIFICATION

CLASSIFICATION

UN Classification

Not Applicable

UN Number

Not Applicable

PHYSICAL AND CHEMICAL HAZARDS

No applicable classification. Reacts upon contact with heat, metal, and when exposure to oxygen is shut out. Flash point is 110°C therefore hazard risk is low.

ADVERSE HUMAN HEALTH EFFECTS

Irritates skin, contact with skin may cause inflammation.

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 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

Rinse mouth well in water. Then immediately seek medical treatment.

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

In the case of a small fire, use dry powder, carbon dioxide gas, foam, etc.

In the case of a large fire, use foam extinguisher to remove air.

6. ACCIDENTAL RELEASE MEASURES

Wear protective equipment. Avoid contact and inhalation. Work to be performed up wind. In case of a small spill, absorb with dry sand, soil, sawdust, cloth, etc., and then place the material in a sealable container. Wash affected area with plenty of water. In the case of large spills, dike and prevent overflow. Guide to a safe place and then dispose properly.

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7. HANDLING AND STORAGE

HANDLING

- When handling this product, use a closed circulating mechanical ventilating system.
- Avoid contact with eye, skin, mucous membrane and clothes
- Do not handle near fire, static electricity, sparks or other sources of ignition.
- After handling, wash hands and face before taking breaks, using restroom, etc.

STORAGE

- In addition to the above, avoid direct sunlight and keep away from high temperature materials.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

CONTROL PARAMETERS

Not established.

ENGINEERING MEASURES

If handling this product in an enclosed area, use a mechanical ventilation system. Place safety shower, hand washing sink and eye bath near work area and clearly marked.

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION

Wear mask that prevents organic gas poisoning.

EYE PROTECTION

Goggles or regular glasses with side shields.

HAND, SKIN AND BODY PROTECTION

Wear solvent resistant, impervious gloves. Wear apron, boots, etc., as appropriate.

Do not work with short sleeve shirt.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOUR, ODOUR, PHYSICAL STATE	Green liquid
SPECIFIC GRAVITY	1.12
BOILING POINT	No data
MELTING POINT	No data
VAPOR PRESSURE	No data
SOLUBILITY IN WATER	Insoluble

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

FLASH POINT	110°C
AUTOIGNITION TEMPERATURE	Over 200°C
EXPLOSIVE LIMIT	No data available at this time.
CONDITIONS/ MATERIALS TO AVOID	No data available at this time.
HAZARDOUS/DECOMPOSITION MATERIALS	No data available at this time.

11. TOXICOLOGICAL INFORMATION

No data available at this time..

12. ECOLOGICAL CONSIDERATIONS

No data available at this time.

13. DISPOSAL CONSIDERATIONS

To dispose product, incinerate. Handle in accordance to 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.

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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.