

Environmental Load Chemical Substances Survey Report

We would like to inform you of the survey result of above matter upon your request.

1. Product

TE 8370-M

2. Restricted Materials

6 restricted materials mandated under RoHS

① Cadmium

② Lead

③ Mercury

④ Hexavalent

⑤ PBB

⑥ PBDE

3. Survey Result

6 restricted materials mandated under RoHS are neither used in the raw materials and the production process of the above product and neither intentionally added.

Material Safety Data Sheet (MSDS)

Date Issued: 29th May 2012

1. Product and Company Identification

Product Name: TE 8370-M
Manufacturer: Mio Sonic Co., Ltd.
Address: 3-5-8, Kunimidai, Kizugawa-shi, Kyoto
Contact No.: 81-774-73-4410 (Tel)
81-774-73-4411 (Fax)
Person in Charge: Hatsuda

2. Composition/Information on Ingredients

Mixture Double sided adhesive tape

Composition

Base Material	: (18.5%)	Polyethylene Terephthalate
Adhesive 1	: (13.1%)	Acrylic Acid Ester Copolymer
Adhesive 2	: (18.4%)	Acrylic Acid Ester Copolymer
Release Paper	: (50%)	50g High Quality Paper Base Double Sided Polyethylene, Siliconization

Substances Subject to Notification under Safety and Health Act: Adhesive 1: (<0.5%)
Acrylic Acid – N-butyl

3. Hazards Identification

Hazard Designation : Not Applicable
Risk : It is a flammable substance and will burn if there is an ignition source.
Normal state cannot cause dangerous reaction, fire or explosion.
Hazard : Not Applicable. However, this product is an adhesive tape for industrial use. Not use it for the direct contact with skin and food.

4. First Aid Measures

Skin : Skin rash may be caused in case of adhering to the skin for long.
Immediately remove and wash with detergent.
Inhalation : Smell adhesive even solid component. Operate with proper ventilation although toxic gas does not generate.
Ingestion : Induce vomiting as much as possible. Seek medical attention if needed.

5. Fire Fighting Measures

Extinguishing Media : Plenty of water, foam, powder, carbon dioxide.
Fire Fighting Procedures: This product is non-hazardous but flammable. Toxic gas of carbon monoxide and nitrogen oxide may generate in a fire situation. Fire fight from windward. Appropriate protective equipment (heat-resistant clothing, self-contained

breathing apparatus, etc.) is required for fire fighting personnel.

6. Accidental Release Measures

No risk of accidental release.

7. Handling and Storage

Handling : Avoid skin contact.

Storage : Store in well-ventilated area at room temperature. Keep away from flame as flammable.

8. Exposure Controls/Personal Protection

Not Applicable.

9. Physical and Chemical Properties

Physical State : Rolled tape

Color : Tape is transparent.

Odor : Acrylic odor

Boiling Point : Not Applicable

Melting Point : 255°C (Base Material: Polyethylene terephthalate)

Decomposition Point : 500°C and more (Base Material: Polyethylene terephthalate and in N₂ gas)

Flash Point : 508°C (Base Material: caused by Polyethylene terephthalate pyrolysate)

Solubility in Water: Soluble

10. Stability and Reactivity

The product is stable under normal handling. Reactivity does not occur.

11. Toxicological Information

Toxicity of n-Butyl acrylate

Acute Toxicity (Effect on human body)

Not Available

Acute Toxicity (Animal experiment, etc.)

Oral (Rat) LD50 : 900mg/kg

Percutaneous (Rabbit) LD50: 200mg/kg

Inhalation (Rabbit) LC50: 2730mg/kg/4H

Local Effect (Irritation (Skin·Eye)) : Not Available

12. Ecological Information

Not Available

13. Disposal Considerations

Dispose of waste (at an appropriate waste disposal facility) according to current applicable laws and regulations (Waste Disposal Act).

14. Transport Information

Avoid flame and high temperature.

15. Regulatory Information

Fire Services Act (Specified Combustible Materials)

Waste Disposal and Public Cleaning Law

16. Other Information

This MSDS was issued based on data and information currently available and may be changed according to new information.

Please take appropriate safety measures suitable to new applications and usage in case of special handling.

Information given herein is offered in good faith but without guarantee.