

MATERIAL SAFETY DATA SHEET

1. Manufacturer Information:

Product name : Clear Fit
Company : Mitsubishi Plastics, Inc.
Address : Mitsubishi Jushi Bldg., 1-2-2 Nihonbashihongokuchō,
Chuo-ku, Tokyo 103-0021, Japan
Department in charge : Electronics & Industrial Film Department.
Tel. : +81-3- 3279-3042
Fax. : +81-3- 3279-6677
Mail address : mpi7041@cc.mpi.co.jp
Emergency phone No. : +81-3- 3279-3042
Recommended and restriction in use
: Adhesive sheets with polyethylene tere-phthalate films

Serial No. 757-002

Revision : July 30, 2010

2. Summary of hazardous and toxicity

Name of classification : Not applicable
Physical and chemical hazards : At normal handling , depending on individuals there is possibility of causing allergic symptoms such as cutaneous-stimulus, "irritation", headache caused with stench and unpleasantness.
Ecological effect : Not applicable
But the gas generated from incinerated the product may irritate eyes, nose and thro

3. Composition and ingredient

Single or mixture: Mixture
Official gazette serial No. (Chemical Safety Law):
 polyethylene tere-phthalate 7 - 1 0 2 2
 acrylic ester copolymer existing

Ingredient and content:

Ingredient	Content	CAS No.
Polyethylene tere-phthalate	Confidential	25038-59-9
Acrylic ester copolymer	"	existing

4. First aid measures:

Eye contact:

Immediately wash with plenty of fresh water as it is likely to cause injury.
As necessary, ask for medical help.

Skin contact:

If skin contact with hot or melted substance occurs, remove it slowly and flush affected area with plenty of cold water to cool, and have a medical treatment immediately, if suffering from abnormality such as cutaneous-stimulus, "irritation" and so on.

If swallowed:

If swallowed, vomit as much as possible, and ask for medical help if feel unusual.

Inhalation:

If inhaling the plenty of the gas generated from incinerated resin, move to a fresh air area and ask for medical help.

5. Fire fighting

Extinguishing method : Firefighters should wear proper protective gears such as respiratory apparatus, goggles and so on.
Extinguishing media : Water, CO₂, dry chemical, foam

6. Accidental release measures

Precaution to human being : As this is a solid matter having certain shape, not applicable.
Precaution to environment : Prevent the overflow product (such as cut dust) into river or outdoor causing adverse effect on the environment.

7. Caution upon handling and storage

Handling : Because depending on individuals, there is possibility of causing allergic symptoms such as cutaneous-stimulus, "irritation", headache caused with stench and unpleasantness, you should work in the ventilated environment or you should wear proper protective gears such as gloves, masks goggles and so on.
 Because in the case of removing polyester films, static electricity is likely generated, if necessary static eraser should be properly installed to remove static electricity and the human body should be protected.
Storage : Avoid direct sunlight. Store the product in a well-ventilated location (in order to keep the quality of the product).

8. Exposure protection measures

Control density: Not defined.
Allowable concentration
Japan Industrial Hygiene : Not specified.
ACGHI : Not specified
Facility measure: Especially not necessary .
Protective gears: For an allergic symptom possibility according to the individual variation, it is preferable to wear an appropriate gear (masks, goggles, gloves).

9. Physical & Chemical properties:

Shape	: Solid like soft sheets (adhesive sheets with polyester films)	
	<input type="checkbox"/> polyethylene tere-phthalate	<input type="checkbox"/> acrylic ester copolymer
Color	: Colorless transparent	Colorless or buff yellow
Stench	: Scentless	Slightly acrylic smell
Melting point	: 2 5 0 ~ 2 6 5 °C	None
Softening point	:	- 6 0 ~ 4 0 °C
Specific gravity	: 1 . 4	0 . 9 ~ 1 . 1
Solubility	: Insoluble in water.	

10. Stability & Reactivity

	<input type="checkbox"/> polyethylene tere-phthalate	<input type="checkbox"/> acrylic ester copolymer
Ignitability	: No data	No data
Flammability	: Not ignitable at the normal temperature	Not ignitable at the normal temperature
Oxidizability	: Stable at the normal temperature	Stable at the normal temperature
Self-reactivity/explosivity:	No data	No data
Stability/reactivity:	Stable at normal handling	
	But at the high temperature of 300° or more, it resolves and carbon monoxide, carbon dioxide, hydrocarbon and their oxide are generated	

11. Caution upon disposal

In principle, the waste must be disposed of by incineration or landfill.

Incineration: Incinerate with an incinerator in conformity with "Air pollution control law", disposal standard of industrial waste and so on.

Landfill : Dispose of in conformity with "Law regarding the disposal and cleaning of waste material" entrusting authorized waste disposal specialists or local government agency.

12. Caution upon transportation

Confirm to damage neither containers nor packaging. Protect the packing bag or box from cargo loosing.

13. Applicable law

Storage : "Fire Fighting Law" (Designated combustible material, Resin)
Disposal : "Law regarding the disposal and cleaning of waste material"

14. Utilization of above information

The above description has been prepared based on the latest data available. But, the physical properties, hazardous and toxicological information are not guarantee data. The cautions are mentioned for the case of normal handing. In the case of special handling, please take measures for safety in consideration of application and method of using.
