

## 1. Identification

Product identifier	Thermal tape
Other means of identification	
Product code	TG-T1000T
Recommended use	Thermal tape
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
Manufacturer/Supplier	T-Global Technology Co., Ltd.
Address No	No.33, Ln. 50, Daren Rd., Taoyuan Dist., Taoyuan City 330058, Taiwan
Emergency telephone number	+886-3-3618899

## 2. Hazard(s) identification

Emergency overview	Low hazard under normal conditions
Physical hazards	Not classified
Health hazards	Not classified
OSHA defined hazards	Not classified
GHS-classification	Not classified
Label elements	
Hazard symbol	None
Signal word	Not applicable
Hazard statement	Not applicable
Precautionary statement	
Prevention	Observe good industrial hygiene practices
Response	Wash thoroughly after handling
Storage	Store away from incompatible materials
Disposal	Dispose of waste and residues in accordance with local authority regulations.

### Supplementary Information

This product is not hazardous according to OSHA 29 CFR 1910.1200 requirements!  
Hence, a hazard label does not apply.

## 3. Composition/information on ingredients

### Substance/mixture

#### Component: Polyester film / Acrylic adhesive / Release liner

Chemical formula, CAS No: Not identifiable, because of mixture of several materials

Pollutant Release and Transfer Register Laws (in Japan)

Class 1 Designated Chemical Substances: Silicon carbide CAS No.409-21-2

Class 2 Designated Chemical Substances: Not contained

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Get medical attention if symptoms occur.
<b>Skin contact</b>	Wash skin with soap and water. Get medical attention if irritation persists. after washing.
<b>Eye contact</b>	Flush thoroughly with water. If irritation occurs, get medical assistance.
<b>Ingestion</b>	Rinse mouth thoroughly. Get medical attention if any discomfort occurs.

### Most important symptoms and health effects

Under normal conditions of intended use, this material does not pose a risk to health

### Indication of immediate medical attention and special treatment needed.

Treat symptomatically.

### General information

Get medical attention if any discomfort develops.

## 5. Fire-fighting measures

### Suitable extinguishing media

According to the common method.

Extinguisher : Water, general use fire extinguisher (powder, bubble, carbonic acid gas)

**Unsuitable extinguishing media** None known

**Specific hazards arising from the chemical** None

### Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Selection of respiratory protection for firefighting: follow the general fire. precautions indicated in the workplace.

### Firefighting equipment/instructions

Move containers from fire area if you can do so without risk.

## 6. Accidental release measures

### Personal precautions, protective equipment, and emergency procedures

Avoid contact with skin and eyes. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up.

Sweep up or gather material and place in appropriate container for disposal. For waste disposal, see section 13 of the SDS.

### Environmental precautions

Environmental Manager must be informed of all major spillages.

## 7. Handling and storage

### Precautions for safe handling

Provide adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Observe good industrial hygiene practices. Wear appropriate personal protective equipment (See Section 8).

### Conditions for safe storage, including any incompatibilities.

Store in closed original container in a dry place. Store away from incompatible materials.

## 8. Exposure controls/personal protection

**Occupational exposure limits** No occupational exposure limits noted for the ingredient(s).

**Biological limit values** No biological exposure limits noted for the ingredient(s)

**Exposure guidelines** Follow standard monitoring procedures

### Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### Individual protection measures, such as personal protective equipment **Eye/face protection**

Risk of contact: Wear approved safety goggles

**Skin protection Hand protection** Use suitable protective gloves if risk of skin contact. Suitable gloves can be recommended by the glove supplier.

**Other** If prolonged or repeated contact is likely, chemical resistant clothing is recommended.

**Respiratory protection** In case of inadequate ventilation, use respiratory protection.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Solid
<b>Form</b>	Solid
<b>Color</b>	White
<b>Odor</b>	None
<b>Odor threshold</b>	Not relevant

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<b>pH</b>	Not relevant
<b>Melting point/freezing point</b>	Not relevant.
<b>Initial boiling point and boiling range</b>	Not relevant.
<b>Flash point</b>	Not relevant.
<b>Evaporation rate</b>	Not relevant.
<b>Flammability (solid, gas)</b>	Not relevant.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not relevant
<b>Flammability limit - upper (%)</b>	Not relevant
<b>Explosive limit - lower (%)</b>	Not relevant
<b>Explosive limit - upper (%)</b>	Not relevant
<b>Vapor pressure</b>	Not relevant
<b>Vapor density</b>	Not relevant
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble (<0.1%)
<b>Solubility (solvents)</b>	Not relevant
<b>Partition coefficient</b>	Not relevant
<b>Auto-ignition temperature</b>	Not relevant
<b>Decomposition temperature</b>	Not relevant
<b>Viscosity</b>	Not relevant
<b>Other information</b>	Not relevant
<b>Bulk density</b>	Not available
<b>Density</b>	1.5 g/cm <sup>3</sup>
<b>Explosive properties</b>	Not relevant
<b>Oxidizing properties</b>	Not relevant
<b>VOC</b>	Not relevant

## 10.Stability and reactivity

Reactivity Chemical stability the product is stable and non-reactive under normal conditions of use, storage, and transport.

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	None

## 11. Information on likely routes of exposure

<b>Inhalation</b>	Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the mucous membranes and respiratory tract.
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<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	May cause eye irritation on direct contact.
<b>Ingestion</b>	Ingestion may cause irritation and malaise.

### Symptoms related to the physical, chemical, and toxicological characteristics

Under normal conditions of intended use, this material does not pose a risk to health.

<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Inhalation of carbon black dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not an aspiration hazard
<b>Chronic effects</b>	N/A
<b>Further information</b>	N/A

## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous.
<b>Persistence and degradability</b>	No data available
<b>Bio accumulative potential</b>	No data available
<b>Mobility in soil</b>	the product is insoluble in water
<b>Other adverse effects</b>	None known

## 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
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<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer, and the waste disposal company.
<b>Waste from residues / unused products</b>	Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.
<b>Contaminated packaging</b>	Since emptied containers retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods
<b>IATA</b>	Not regulated as dangerous goods
<b>IMDG</b>	Not regulated as dangerous goods
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	This substance/mixture is not intended to be transported in bulk.

## 15. Regulatory information

Trash Clearance Act., Air Pollution Protection Act., Enforcement Rules of the Labor Safety and Health Law, Prevention and Control of Water Pollution Act.

## 16. References

EPA: AQUIRE database  
IARC Monographs. Overall Evaluation of Carcinogenicity  
NLM: Hazardous Substances Data Base

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