

## SAFETY DATA SHEET

### 1. Identification

Product identifier	Thermal Pad
Other means of identification	
Product code	TG-A1450
Recommended use	Thermal Pad
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
Manufacturer/Supplier	T-Global Technology Co., Ltd
Address No	33, Ln. 50, Daren Rd., Taoyuan Dist., Taoyuan City 330058
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.
<b>Label elements</b>	
Hazard symbol	None.
Signal word	Not applicable.
Hazard statement	Not applicable.
<b>Precautionary statement</b>	
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.  
therefore, a hazard label does not apply.

### 3. Composition/information on ingredients

#### Substance/mixture

Chemical name	CAS Number	Concentration (%)
Silicone	68083-19-2	5~12
Aluminum oxide	1344-28-1	88~95

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### 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**

Use fire-extinguishing media appropriate for surrounding materials.

**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.

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### 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

##### Physical state

solid sheet

##### Form

solid sheet

##### Color

Red

##### Odor

None.

##### Odor threshold

Not relevant.

##### pH

Not relevant.

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<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>	3.6
<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
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<b>Skin contact</b>	tract. 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.

### Respiratory or skin sensitization

<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>	None known.
<b>Further information</b>	None known.

## 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.

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### 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<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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