

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

## Thermal Pad (L37-5)

Revision 0

Revision date 2012-03-08

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name Thermal Pad (L37-5)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description Thermal Pad.

#### 1.3. Details of the supplier of the safety data sheet

Company T-Global Technology Limited  
 Address 40 Centenary Business Centre  
 Hammond House  
 Nuneaton  
 Warwickshire  
 CV11 6RY  
 United Kingdom  
 Telephone +44 (0) 20 8133 2062

#### 1.4. Emergency telephone number

Emergency telephone number +44 (0) 20 8133 2062

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

#### 2.2. Label elements

Risk phrases No Significant Hazard.

#### 2.3. Other hazards

Other hazards Not determined.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Silicone		90337-93-2			60 - 70%	
Iron Oxide (Iron oxide, fume (as Fe))		1309-37-1	215-168-2		10 - 20%	Xi; R36/37/38
Aluminium oxide (Aluminium oxides total inhalable dust)		1344-28-1			10 - 20%	

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation Move the exposed person to fresh air.  
 Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

# Thermal Pad (L37-5)

Revision 0

Revision date 2012-03-08

## 4.1. Description of first aid measures

Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). DO NOT INDUCE VOMITING.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	Get medical advice/attention if you feel unwell.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear self contained breathing apparatus and protective clothing.
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## SECTION 6: Accidental release measures

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

	Ensure adequate ventilation of the working area.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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### 6.4. Reference to other sections

	See section 13. DISPOSAL CONSIDERATIONS for further information.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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### 7.3. Specific end use(s)

	No data is available on this product.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

## Thermal Pad (L37-5)

Revision 0

Revision date 2012-03-08

## 8.1.1. Exposure Limit Values

Aluminium oxide (Aluminium oxides respirable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 4
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Aluminium oxide (Aluminium oxides total inhalable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Iron Oxide (Iron oxide, fume (as Fe))	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 5
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 10
Iron Oxide (Rouge respirable)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 4
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Iron Oxide (Rouge total inhalable)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective equipment.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs. Wash hands after handling the product.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Solid
Colour	Grey
Odour	Odourless
Solubility	Insoluble in water

## 9.2. Other information

Specific gravity	> 2
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No data is available on this product.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	No data is available on this product.
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## 10.4. Conditions to avoid

	No data is available on this product.
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## 10.5. Incompatible materials

	Strong oxidising agents.
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## 10.6. Hazardous decomposition products

	No data is available on this product.
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# Thermal Pad (L37-5)

Revision 0

Revision date 2012-03-08

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.

#### 11.1.4. Toxicological Information

Iron Oxide	Oral Rat LD50: >10000 mg/kg
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## SECTION 12: Ecological information

### 12.1. Toxicity

	No data available
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### 12.2. Persistence and degradability

	No data is available on this product.
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### 12.3. Bioaccumulative potential

	No data is available on this product.
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### 12.4. Mobility in soil

	Insoluble in water.
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### 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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### 12.6. Other adverse effects

	No data is available on this product.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

	Do not empty into drains; dispose of this material and its container in a safe way.
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#### General information

	Dispose of in compliance with all local and national regulations.
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#### Disposal methods

	Contact a licensed waste disposal company.
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## SECTION 14: Transport information

### ADR/RID

	The product is not classified as dangerous for carriage.
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### IMDG

	The product is not classified as dangerous for carriage.
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### IATA

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,
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# Thermal Pad (L37-5)

Revision 0

Revision date 2012-03-08

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	93/105/EC and 2000/21/EC.  COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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## 15.2. Chemical safety assessment

	No data available.
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## SECTION 16: Other information

### Other information

Text of risk phrases in Section 3	R36/37/38 - Irritating to eyes, respiratory system and skin.
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### Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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