



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Thermal Pad (H48-2)

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 (H48-2)

#### 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 |        |                           | 70 - 80%     |                |
| 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.       |
| 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 |

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## 4.1. Description of first aid measures

|  |           |
|--|-----------|
|  | 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. |
|--|-------------------------------------------------------------------------|

### 5.2. Special hazards arising from the substance or mixture

|  |                                                         |
|--|---------------------------------------------------------|
|  | Burning produces irritating, toxic and obnoxious fumes. |
|--|---------------------------------------------------------|

### 5.3. Advice for firefighters

|  |                                                                  |
|--|------------------------------------------------------------------|
|  | Wear self contained breathing apparatus and protective clothing. |
|--|------------------------------------------------------------------|

## SECTION 6: Accidental release measures

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

|  |                                                  |
|--|--------------------------------------------------|
|  | Ensure adequate ventilation of the working area. |
|--|--------------------------------------------------|

### 6.2. Environmental precautions

|  |                                                                         |
|--|-------------------------------------------------------------------------|
|  | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|-------------------------------------------------------------------------|

### 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. |
|--|--------------------------------------------------------------------------------------------------------------|

### 6.4. Reference to other sections

|  |                                                                  |
|--|------------------------------------------------------------------|
|  | See section 13. DISPOSAL CONSIDERATIONS for further information. |
|--|------------------------------------------------------------------|

## 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. |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 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. |
|--|--------------------------------------------------------------------------------------------------------------------|

### 7.3. Specific end use(s)

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

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## 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: - |

## 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     | Dark/Red           |
| Odour      | Odourless          |
| Solubility | Insoluble in water |

## 9.2. Other information

|                  |     |
|------------------|-----|
| Specific gravity | > 2 |
|------------------|-----|

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.3. Possibility of hazardous reactions

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.4. Conditions to avoid

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.5. Incompatible materials

|  |                          |
|--|--------------------------|
|  | Strong oxidising agents. |
|--|--------------------------|

## 10.6. Hazardous decomposition products

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 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. |

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## 11.1. Information on toxicological effects

|                        |                                   |
|------------------------|-----------------------------------|
| Germ cell mutagenicity | No mutagenic effects reported.    |
| Carcinogenicity        | No carcinogenic effects reported. |

## 11.1.4. Toxicological Information

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## SECTION 12: Ecological information

## 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 12.2. Persistence and degradability

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.3. Bioaccumulative potential

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.4. Mobility in soil

|  |                     |
|--|---------------------|
|  | Insoluble in water. |
|--|---------------------|

## 12.5. Results of PBT and vPvB assessment

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.6. Other adverse effects

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 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. |
|--|-------------------------------------------------------------------------------------|

## General information

|  |                                                                   |
|--|-------------------------------------------------------------------|
|  | Dispose of in compliance with all local and national regulations. |
|--|-------------------------------------------------------------------|

## Disposal methods

|  |                                            |
|--|--------------------------------------------|
|  | Contact a licensed waste disposal company. |
|--|--------------------------------------------|

## SECTION 14: Transport information

## ADR/RID

|  |                                                          |
|--|----------------------------------------------------------|
|  | The product is not classified as dangerous for carriage. |
|--|----------------------------------------------------------|

## IMDG

|  |                                                          |
|--|----------------------------------------------------------|
|  | The product is not classified as dangerous for carriage. |
|--|----------------------------------------------------------|

## IATA

|  |                                                          |
|--|----------------------------------------------------------|
|  | The product is not classified as dangerous for carriage. |
|--|----------------------------------------------------------|

## 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, 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

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

Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**15.2. Chemical safety assessment**

No data available.

**SECTION 16: Other information****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.