

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Flexible Absorbent Material (FAM3)

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** Flexible Absorbent Material (FAM3)

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

**Description** Flexible Absorbent Material.

#### 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
aluminium powder (stabilised) (Aluminium metal total inhalable dust)	013-002-00-1	7429-90-5	231-072-3		30 - 40%	F; R11-15
Silicon (Silicon total inhalable dust)		7440-21-3			30 - 40%	
Iron		7439-89-6	231-096-4		10 - 20%	
Chlorinated polyethylene		64754-90-1			1 - 10%	

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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## 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 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

	Evacuate personnel to a safe area. Wear self contained breathing apparatus and protective clothing. In case of fire: Stop leak if safe to do so.
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## SECTION 6: Accidental release measures

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

	Avoid raising dust. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Stop leak if safe to do so.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.
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### 6.3. Methods and material for containment and cleaning up

	Sweep 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 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. Avoid formation of dust. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Keep away from sources of ignition - No smoking.
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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. Keep away from incompatible materials. Keep away from strong oxidising agents, Acids, Bases, Amines. Store in original container.
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### 7.3. Specific end use(s)

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## 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

aluminium powder (stabilised) (Aluminium metal 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 powder (stabilised) (Aluminium metal 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: -
Silicon (Silicon 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: -
Silicon (Silicon 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	Black
Odour	Slight
Solubility	Insoluble in water

## 9.2. Other information

Specific gravity	4.8
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
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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

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## 10.4. Conditions to avoid

Keep away from incompatible materials.

## 10.5. Incompatible materials

Acids. Bases. Strong oxidising agents. Amines.

## 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.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.

## 11.1.4. Toxicological Information

Chlorinated polyethylene	Oral Rat LD50: >5000 mg/kg
Iron	Oral Rat LD50: 30000 mg/kg
Silicon	Oral Rat LD50: 3160 mg/kg

## 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

No data is available on this product.

## 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.

## 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.

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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, 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.

**15.2. Chemical safety assessment**

No data available.

**SECTION 16: Other information****Other information****Text of risk phrases in Section 3**

R11 - Highly flammable.  
R15 - Contact with water liberates extremely flammable gases.

**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.