

ART. 04406

## FORMOSA CHEMICAL FIBRE CORPORATION

NO.201, TUNG HWA N. ROAD TAIPEI TAIWAN R.O.C

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### Safety data sheet

Date/ revised : 1/10/2007

Page : 1/4

#### 1. Product and company identification

Product Name : 100% Polyamide-6 FCFC B248  
Chemical Formula :  $(C_6H_{11}NO)_n$   
Manufacturer :  
Address :  
Emergency Telephone : 1

#### 2. Composition/information on ingredients

Chemical nature

polyamide(PA 6)

CAS Number : 25038-54-4

#### 3. Hazards identification

none

#### 4. First-aid measures

On skin contact :

Burns caused by frozen material require hospital treatment.

## 5 Fire-fighting measures

Suitable extinguishing media:  
Water, foam, dry extinguishing media

Specific hazards:  
At temperatures of > 300°C can be emitted: carbon monoxide, hydrogen cyanide  
Under special fire conditions traces of other toxic substances are possible,  
Formation of further decomposition and oxidation products depends upon the fire conditions.

Further information:  
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## 6 Accidental release measures

Wear appropriate personal protective equipment as specified in Section 8. Spills:  
Sweep, scoop or pick up and containerize for reclamation or disposal.

## 7 Handling and storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

## 8 Exposure controls and personal protection

Personal protective equipment:  
General safety and hygiene measures:  
none

### 9 Physical and chemical properties

Physical state	: solid. at 20°C
Form	: granular
Colour	: colourless-white
Odour	: odourless

#### Change in physical state

Melting range	: 215~225°C
Ignition temperature	: >400°C
Vapour pressure	: not applicable
Density	: 1.13g/cm <sup>3</sup>
Bulk density	: 650g/cm <sup>3</sup>
Solubility in water	: insoluble

### 10. Stability and reactivity

Conditions to avoid.  
Temperatur > 300°C

Hazardous decomposition products:  
carbon monoxide, hydrogen cyanide

### 11. Toxicological information

#### Additional information:

In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendations.

### 12. Ecological information

Persistence/degradability	: Very low UV degradability.
Ecotoxicity	: NO indication that this material is being a risk to the environment.
Aquatic toxicity	: Insoluble non toxic solid material (no water hazard).

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### 13. Disposal considerations

Product : Check for possible recycling. Can be dumped with domestic refuse or incinerated in suitable plant in accordance with local regulations.

Contaminated packaging : Packs must be completely emptied.

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### 14. Transport information

Keep this material during transport.  
Not classified as hazardous under transport regulations.

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### 15. Regulatory information

Follow all regulations in your country.

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### 16. Other information

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.  
Recipients of our product must take responsibility for observing existing laws and regulations.

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End of MSDS