

# Material Safety Data Sheet

## 1. Company identification

1.1 Company: **Fabbxible Technology**

1.2 Address: **11A, Jln. IKS Bukit Tengah, Tmn. IKS Bukit Tengah, 14000 Bukit Mertajam, Pulau Pinang, Malaysia.**

1.3 Tel: **+6017-414 7563**

## 2. Substance identification

2.1 Trade Name: PP

2.2 Mixtures

Name	CAS No.	% [weight]
Polypropylene	9003-07-0	75%
Short Glass Fiber	65997-17-3	25%
Others		<0.2

## 3. Hazard identification

### 3.1 Classification of the substance or mixture

#### Classification according to Regulation 1272/2008/EC (CLP)

Not a hazardous substance or preparation according to Regulation 1272/2008 (CLP)

### 3.2 Label elements

Not required

### 3.3 Other hazards

The mixture does not meet the criteria for PBT / vPvB according to REACH, Annex XIII.

## 4. First-aid measures

### 4.1 Description of first aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapors. Get medical attention immediately if symptoms occur.
Skin	Cool skin rapidly with cold water after contact with molten polymer. Do not peel solidified product off the skin. Immediate medical attention is required.
Eyes	Immediately flush eye(s) with plenty of water. Call a physician if irritation persists.
Ingestion	If swallowed, do not induce vomiting - seek medical advice.

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

**Main symptoms:** None known

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

Treat symptomatically

# 5. Fire-fighting measures

## 5.1 Extinguishing media

Suitable extinguishing media: Water, Foam, Dry powder

## 5.2 Special hazards arising from the substance or mixture

Carbon monoxide

Carbon dioxide (CO<sub>2</sub>)

## 5.3 Advice for fire-fighters

### Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit.

### Other Information

Keep people away from and upwind of fire.

# 6. Accidental release measures

## 6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe dust. Avoid dust formation. Non-processed plastificates and arising cakes should be cooled down basically in a water basin, otherwise there threatens a danger of thermal-oxidative decomposition.

## 6.2 Environment related measures

No special environmental precautions required.

## 6.3 Methods and material for containment and cleaning up

Use mechanical handling equipment. Dispose of in accordance with local regulations

# 7. Handling and storage

## 7.1 Precautions for safe handling

### Hygiene measures

Do not inhale dust particles, during processing glass or glass dust particles are set free and cause irritation to the respiratory passage

### Advice on safe handling

Do not handle hot or molten material without appropriate protective equipment. Do not exceed recommended process temperatures to minimize release of decomposition products. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Maintain good housekeeping in work areas..

### **Incompatible products**

strong bases

### **Protection - fire and explosion:**

Do not smoke in areas where polymer dust is present.. Appropriate measures should be taken to control the generation and accumulation of dust during conveying and processing operations.

## **7.2 Conditions for safe storage, including any incompatibilities**

### **Material storage**

Keep in a dry, cool place.. Maintain dryness of resin.. Take measures to prevent the build up of electrostatic charge. Maximum storage temperature 40°C.

### **Incompatible products**

strong bases

### **Technical measures/Storage conditions**

Keep away from direct sunlight.

## **7.3 Specific end use(s)**

None known

# **8. Physical and chemical properties**

## **8.1 Information on basic physical and chemical properties**

Appearance	filament
Colour	different according to colouration
Odour	odourless
pH	not applicable
Softening point	140 - 150 °C
Upper/lower flammability or explosive limits	not applicable
Vapour pressure	not applicable
Density	1.08 g/cm <sup>3</sup>
Water solubility	insoluble

Auto-ignition temperature	not applicable
Ignition temperature	> 390 °C
Decomposition temperature	>= 340 °C
Viscosity, dynamic	not applicable

## 8.2 Other information

The indicated values do not necessarily correspond to the product specification. Please refer to the product information sheet or the technical information sheet for specification data.

## 9. Stability and reactivity

### 9.1 Reactivity

Stable under normal conditions.

### 9.2 Chemical stability

Stable under normal conditions

### 9.3 Possibility of hazardous reactions

None anticipated.

### 9.4 Conditions to avoid

Flame...Prolonged heating at temperatures above 250°C / 482°F.

### 9.5 Incompatible materials

strong bases

### 9.6 Hazardous decomposition products

Thermal decomposition products may include oxides of carbon.

## 10. Toxicological information

### Information on toxicological effects

Toxicological data are not available. When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

## 11. Ecological information

### 11.1 Toxicity

The effects of resin pellets on the wildlife that may ingest them is not well understood. In the case of seabirds, some marine biologists believe that the fowl may not be able to pass plastic pellets through their digestive tracts. Thus, large quantities of ingested pellets may cause intestinal blockage, false feelings of satiation or reduction in absorption of nutrients, causing malnutrition and starvation. The goal of SPI's Operation Clean

Sweep is zero loss of pellets into the environment..

### 11.2 Environmental Fate/Information

This material is considered to be non-biodegradable. Do not discharge product unmonitored into the environment

## 12. Disposal considerations

### Waste treatment methods

#### Product information

Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal.

#### Uncleaned empty packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

#### European

**Waste** Packages from plastics

Catalogue150102

## 13. Regulatory information

Not available

## 14. Other information

Please call to (60)17 414 7563 or visit to our website: [www.fabbxible.com](http://www.fabbxible.com)

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## End of data sheet