

**MATERIAL SAFETY DATA SHEET****PP SHEET**

Printed date: 04.12.2013

**Section 1: Chemical Product and Company Identification**

Product Name : Polypropylene Sheet  
Trade Name : PP Normal  
Industry Sector : Plastic processing industry  
END Uses : Vacuum forming, Thermoforming, Cut sheet

Company Identification : CHANSIN Co., Ltd  
Manufacturer's Address : B8/35B, Duong Hung Nhon, Xa Tan Kien,  
Huyen Binh Chanh, Ho Chi Minh City, Vietnam  
Tel: +84-83-9606394 – 8587063  
Fax: +84-83-9634597

**Section 2: Composition / Information on Ingredient**

Main Ingredients : PP HOMOPOLYMER (CAS No: 009003-07-0)  
Hazard Ingredients : None

**Section 3: Hazards Identification**

This sheet has not been tested 'as is'. The information provided on the health effects of this product is based on data on the individual components.

No particular hazards known.

The relevant minimum standards for protective measures in the plastic manufacturing should be observed.

**Section 4: First Aid Measures**

Ingestion : Unlikely to be required, but if necessary, treat symptomatically,  
Eye Contact : Remove the product and rinse thoroughly with water.  
Skin Contact : After contact with molten product, cold quickly with cold water. Do not pull solidified product from skin, take for medical treatment.  
Inhalation : If symptomatic, move to fresh air. Get medical attention if symptoms persist.

GREAT ALLIANCE TRADING ( SINGAPORE ) PTE LTD  
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## **Section 5: Fire Fighting Measures**

Suitable extinguishing media : Water spray, Dry chemical, Foam, CO<sub>2</sub>  
Special fire fighting instruction : Wear self-contained breathing apparatus and protective clothing.  
Hazardous Combustion Products : Carbon dioxide (CO<sub>2</sub>) and carbon monoxide (CO)  
Unusual Hazards : The product is combustible and may form an explosive mix.

## **Section 6: Accidental Release Measures**

When picked up and swept up, treat material as prescribed under heading "Disposal".  
Dispose of in accordance with local regulations.

## **Section 7: Handling and Storage**

Precautions for safe handling:

Ensure good general ventilation in the workplace; local exhaust ventilation may be necessary as and when required.

Prevention of fire and explosion:

Keep away from oxidizing materials and take precautions against accumulation of electrostatic charge.

Condition for safe storage:

Store materials sheltered with automatic sprinklers in a cool place below 60°C. Keep away from heat sparks and flame.

## **Section 8: Exposure Control and Personal Protection**

Engineering Controls:

Provide adequate ventilation at work place to minimize exposure to process vapors.  
Eliminate ignition sources during repair and maintenance operations.

Hygiene measures:

The usual Industrial Hygiene precautions must be taken during work, in particular: do not drink, eat or smoke during the handling of product; clean hands and face during work interval and after work.

Eye/ Face protection:

Wear Safety Glasses to prevent any eye contact when necessary.

Skin/ Hand protection:

Wear Leather Gloves, Nitrile Rubber Gloves etc. as and when the particular working conditions required.

Respiratory protection:

In case of insufficient ventilation at work place, use respiratory protection equipment.

Recommended safety facilities:

Eyewash, shower and standard washing facility.

## Section 9: Physical and Chemical Properties

Physical form	: Solid
Odour	: Slight waxy odor
Solubility (in water, ambient temperature)	: Insoluble
Melting Point	: 140 ~ 170 °C
Boiling Point	: It decomposes
Decomposition Temperature	: > 400 °C
Explosive Properties	: Unknown
Self-ignition Temperature	: 380 ~ 460°C
Specific Gravity (water = 1)	: 0.90
Volatile (% by volume)	: Not applicable
Flammable Propagation Speed	: Unknown

## Section 10: Stability and Reactivity

Stability	: Stable under normal conditions
Incompatibility (Materials to avoid)	: Chlorine, Strong oxidants
Combustion products	: Carbon dioxide, Carbon monoxide
Hazardous polymerization	: Will not occur

## Section 11: Toxicological Information

Toxicity data	: None
Carcinogenicity	: None
Effects of overexposure	: None
Chronic effects	: None
Allergic reaction	: None

## Section 12: Ecological Information

Mobility	: Will slowly degrade with exposure to UV light.
Bioaccumulation	: No data available
Biodegradability	: No data available

## Section 13: Disposal Consideration

To reuse, recycling, or follow local regulations regarding disposal.

## Section 14: Transport Information

Any international and national regulatory requirements: None	
Packaging information	: Using paper core and pallet.
Any other special requirements	: None
Transportation	: By land transport or sea transport.

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## Section 15: Regulatory Information

User : Not classified as hazardous to users  
Transport : Not classified as hazardous for transport

## Section 16: Other Information

Workers using PP sheet should read and understand this MSDS and be trained in the proper use of this material.

For other technical information, please contact **Chansin Co., Ltd.**

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The data are based on the current state of our knowledge and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale applied.

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