

# Plastic Pedestal Material Safety Data Sheet

## Section 1-Material, Information on Ingredients

Raw Materials Name	Percent
Recycled Polypropylene + Virgin PP copolymer + Talc	98%
UV-Resistant Additives	2%

## Section 2-Hazards Identification

### EMERGENCY OVERVIEW

Potential Health Effects: inhalation, skin contact, eye contact, ingestion

Health Hazard:

- a. Eye contact: Solid or dusts may cause irritation or corneal injury due to mechanical action.
- b. Skin contact: Skin absorption is unlikely due to physical properties. Mechanical injury only.
- c. Inhalation: Single exposure to dust is not likely to be hazardous. Vapors are unlikely due to physical properties-
- d. Ingestion: Ingestion is not a likely route due to proper industrial handling.

## Section 3-First Aid Measures

Eyes: Immediately flush eyes with plenty of water at least 15 minutes. Seek medical attention if irritation persists.

Skin: If skin contact with hot material occurs: Do not attempt to remove molten material. Immediately flush affected area with plenty of cold water and cover with a clean dressing. Have burn treated by a physician.

Inhalation: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

Ingestion: If swallowed, drink two glasses of water. Call a physician.

Note to Physician: Treat symptomatically. Treatment may vary with condition of victim and specifics of incident.

## Section 4-Fire Fighting Measures

Extinguishing Media: Use Water, and dry chemicals.

Fire and Explosion Hazards: Nonflammable in presence of open flames and sparks and heat. Not considered to present risks of explosion.

Protection of fire-fighters: Firefighters and others who may be exposed to products of combustion should wear full firefighting turn out gear and self-contained breathing apparatus. Firefighting equipment should be thoroughly decontaminated after use.

Products of Combustion: Products of combustion are gases.

## Section 5-Accidental Release Measures

Sweep up and discard.

Person related safety precautions: Not required.

Measure for environmental protection: No special measures required.

Measure for cleaning/collecting: No special measures required.

Additional information: No dangerous materials are released.

## Section 6-Handling and Storage

Handling procedures: Caution with edge of sheet. After using this sheet, wash hands.

Storage procedures: Keep dry and cool and away from direct sunlight for quality.

## Section 7-Exposure Controls, Personal Protection

Monitoring Methods: NO information found.

Engineering controls: Good general ventilation should be sufficient for most conditions. When processing at elevated temperature, provide Local exhaust.

Exposure Limits: Not available.

Respiratory protection: For most conditions, no respiratory protection should be needed. When processing at elevated temperature, use an approved respiratory protection.

Eye protection: Wear safety glasses with side shields.

Skin protection: Wear clean body—covering clothing and rubber gloves.

Other Protection: No smoking scene work. To maintain good health habits

## Section 8-Physical and Chemical Properties

Raw Materials Technical Parameters					
Property		Test Condition	Test Method	Test Data	Data Unit
Basic Performance	Density		ASTM D-792	0.9	g/m <sup>3</sup>
	Melt Flow rate	230°C/2.16kg	ASTM D-1238	30	g/10min
Mechanical Property	Tensile Strength	2 in/min, 50mm/min	ASTM D-638	26	Mpa
	Elongation at Yield	2 in/min, 50mm/min		5	%
	Impact Strength	-29°C (-20°F)		19	J/m
	Flexural Modulus	1% secant, 1.3mm/min	ASTM D-790A	1270	Mpa
	IZOD Impact Strength	23°C	ASTM D-256A	78	J/m
Thermal Performance	Typical processing temperature			230	°C
	Heat Deflection Temperature	66psi, 455Kpa	ASTM D-648	150	°C
	Thermal stability			-50°C to 120°C	°C

Plastic Pedestal Technical Data			
FOR CERAMIC TILES、PAVING and TIMBER DECKING			
Support Height	Head Diameter	Base Plate Diameter	Loading Weight tolerance
18-30mm	150mm	200mm	1000kgs
30-50mm	150mm	200mm	1000kgs
50-70mm	150mm	200mm	2100kgs
70-110mm	150mm	200mm	2000kgs
110-190mm	150mm	200mm	1900kgs
140-220mm	140mm	205mm	2000kgs
150-310mm	150mm	205mm	2000kgs

305-510mm	150mm	205mm	2000kgs
450-720mm	150mm	205mm	1200kgs
690-1020mm	150mm	205mm	1200kgs
1005-1520mm	150mm	205mm	1000kgs

## Section 9-Stability and Reactivity

Chemical Stability: Stable and non-reactivity.

Conditions to Avoid: Away from high temperature.

Incompatibility with various substances: specific materials/condition to avoid.

Hazardous Decomposition Products: Thermal decomposition will produce CO, CO<sub>2</sub>, NO<sub>x</sub>.

Hazardous Polymerization: Can not occur.

## Section 10-Toxicological Information

Sensitization rate: Not available.

Teratogenicity: No information found.

## Section 11-Ecological Information

Ecological toxicity: Not data available for this product.

Ecological degradation: Not data available for this product.

Abiology degradation: Not data available for this product.

Other harmful information: Not available.

## Section 12-Disposal Considerations

Disposal: Recycle, if possible. Consult your local or regional authorities for disposal options. Dispose of materials in compliance with governmental regulations.

## Section 13-Transport Information

Not a hazardous material for DOT shipping.

UN: None.

Packaging sign: None.

Packaging Category: Carton boxes.

Shipping notice: This product not regulated for transport.

## Section 14-Regulatory Information

Regulatory Information: Reference to the local, National and EU/ International regulations

### Notice to reader

To the best of our knowledge, the information contained herein is Accurate. However, neither the above named supplier nor any of its Subsidiaries assumes any liability whatsoever for the accuracy or Completeness of the information contained herein. Final determination of suitability of any material is the sole Responsibility of the user. All materials may present unknown hazards and Should be used with caution. Although certain hazards are described. Herein, we cannot guarantee that these are the only hazards that exist.