



Material Safety Data Sheet

Shanghai Changwei Jinci Engineering Plastics Co., Ltd.

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1. Substance/Preparation and Company Name

Product name: PC/ABS 5288F HP FR

Product series :Flame-retardant PC/ABS Alloy

Company: Shanghai Changwei Jinci Engineering Plastics Co., Ltd.

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2. Composition/Information On Ingredient

COMPONENTS	CONTENT (%)	CAS NUMBER
Polycarbonate	70~90	25037-45-0
ABS	3~9	9003-56-9
MBS	2~6	/
Flame retardant BDP	5~15	/
Additives	1~2	/
Pigments	0~3	/

3. Health Hazard Information

The substance belongs to non-dangerous chemical material according to GB13690-92, it has also been defined as non-dangerous material in the statement of 67/548/EEC and 1995/45/EC.

Nature of Hazard:

Eye Contact: Particulates may scratch eye surface and/or cause mechanical irritation.

Skin Contact: Negligible hazard at ambient temperature.

Inhalation: Negligible hazard at ambient temperature.

Ingestion: Minimal toxicity; no adverse effects expected.

4. First Aid Measures

Eye Contact: Flush with water for 10minutes or more mechanical attention.

Skin Contact: Wash with water and mild soap.

Inhalation: Move away from source of exposure and into fresh air.

Ingestion: First aid is not normally required.

5. Fire Fighting and Measures

Extinguishing Chemical Substance: Use water mist, carbon dioxide, foam, dry powder.

Special Fire-Fighting Procedure: Wear NIOSH approved self-contained breathing apparatus to prevent any contact with vapor/gases released.

Unusual Fire and Explosion Hazards: No unusual hazards.



Material Safety Data Sheet

6. Accidental Release Measures

Land Spill: Pellet represent a slipping hazard: scoop and sweep up or use industrial vacuum cleaner.

Water Spill: Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to federal, state and local disposal regulations.

Individual Precautions: None.

Be careful not to slip on loose pellets.

Environmental Precautions: Retrieve all loose pellets using the methods specified above.

7. Handling and Storage

Store away from oxidizing materials in a cool, dry place with adequate ventilation.

Take precautionary measures against static discharges.

Keep away from heat and sources of ignition. Material will burn if exposed to fire.

Ground transfer equipment to avoid static discharge.

Material should be stored in packaging similar to that which it was originally shipped in.

8. Exposure Controls and Personal Protection

Personal Protective Equipments:

Eye/Face Protection: Safety glasses with side shields.

Skin Protection: Cloth gloves when working with molten plastic.

Respiratory Protection: Dust mask recommended.

Other Protective Clothing Or Equipments: N/A

Ventilation requirements: Material should be processed in a well-ventilated area.

9. Physical and Chemical Properties

Form: Cylindrical pellet with length of 3.0-4.0mm and diameter with 2.0-4.0mm.

Odor: Possibly a slight organic odor

Density: 1.17~1.21g/cm³

Melting point: This product does not exhibit a sharp melting point but softens gradually over a wide range of temperature.

Boiling point: Not applicable.

Vapor pressure: Not applicable.

Solubility: Insoluble in water.

10. Stability and Reactivity

Stability: Stable

Conditions:

To Avoid Instability: Avoid temperature greater than 300°C

Incompatibility (Material to Avoid): Strong oxidizing agents.

Hazardous Decompositions or BY-PRODUCTS: Upon combustion, carbon monoxide, carbon soot, and organics of unknown may be released.

Hazardous Polymerization: Will not occur.

11. Toxicological Information



Material Safety Data Sheet

High Toxicity: None.

Local Effects: See Sections 3 and 4

OSHA Regulated: Yes

12. Ecological Information

Product is insoluble in water.

Based on studies from similar product is not expected to pose a hazard to the environment.

Disposal Method: Recycle if possible. Otherwise bury in landfill or burn in adequate incinerator in accordance with applicable federal, state and local regulations.

13. Disposal Considerations

Dispose of in accordance with local environmental regulations.

14. Transport Information

According to the international and national laws that regulate road, train, air and water transport, this product is not considered dangerous. Refer to Section 7 for material handling and storage during transport.

15. Regulatory information

N/A

16. Other information

Suggested Use: An excellent product for mold

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