

MATERIAL SAFETY DATA SHEET (MSDS): PP

1. MATERIAL AND COMPANY INFORMATION

Chemical Name	Polypropylene M800E	Technical Instruction No.	SPC-SLB-PP-M048
Tel	86-21-57944364	Fax	86-21-57944364
Manufacturer	Sino Shanghai Petrochemical Co., Ltd, Plastics Division		
Address:	No.143, WeiEr Road, Jinshan District, Shanghai, China		
Website	http://www.spc.com.cn/enspc/spc/index.php		

2. COMPOSITON IDENTITY INFORMATION

Ingredient	PP	CAS No	9010-79-1
Concentration	>99.7%		
Sold in the form of pellets to be used for injection moulding. Contains little stabilizer, hazardous materials are not used in the manufacturing of this product.			

3. HAZARD IDENDIFICATION INFORMATION

Hazard type	Does not belong to hazard chemical according to China National Standard
Health hazard	Harmless and in accordance with GB9693-1988
Route of entry	Inhalation, ingestion
Environmental effect	Will not dissolve. Will not have a chemical reaction with other materials. It is hazardous to the environment as it will not break down
Explosive hazard	It can not burn or explode at normal temperatures. It explodes and burns with a strong oxidizer. It burns above 390° C, the fume is CO.

4. FIRST AID MEASURE

Skin contact	No adverse reactions known or reported. If sensitivity occurs wash the contacted part with clean water and soap. Contact medical assistance if required.
Eye contact	Dust may cause mild irritation if exposed. Flush with clean water and contact medical assistance as needed.
Ingestion	It does not harm if swallowed, Small quantity can eject out of body itself. If a large quantity is ingested get medical treatment immediately
Inhalation	Powder / dust may cause irritation of the respiratory system

5. FIRE FIGHTING MEASURES

Hazardous Identity	Combustion at high temperature
Smoke / Fumes	CO and CO2
Special fir-fighting process	N.A.
Special protective equipment for fire-fighters	General fire fighting protective equipment

6. LEAKAGE EMERGENCY TREATMENT

Sold as a solid material and will not leak unless melted. If in a melted form if there is leakage wait for the material to cool and harden before disposing of.

7. SAFE HANDLING AND STORAGE MEASURES

Store in well ventilated place away from heat, source of ignition and incompatible materials. Product accumulates a static charge.

8. PREVENTIVE MEASURES

PERSONAL PROTECTIVE MATERIAL	Dust mask, gloves, safety glasses or goggles, non slip safety shoes (Anti static)
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9. PHYSICAL & CHEMICAL DATA

Appearance	White powder	Melting point	155-165 C
Odor	Odorless	Physical state	Solid
Relative density	0.905(g/cm ³)	Solubility in water	Insoluble
Uses: manufacture of food and drink transparent bottles, toys, films, pipes, etc.			

10. REACTIVITY & STABILITY DATA

Chemical stability	Stable
Incompatibility with other materials	Chlorine and strong oxidizing agents
Adverse contact conditions	Fire and strong sunlight

11. TOXICOLOGY INFORMATION

Toxicity Data	Material is food grade and non-toxic
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12. ECOLOGICAL INFORMATION

Decomposition of product	It decomposes according to temperature, medium and plenty air. The blazer is CO ₂ and water.
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13. DISPOSAL TREATMENT MEASURES

Disposal property	General solid
Disposal measure	It is best to reuse. Can be recycled by crushing. Keep plastics clean during production. Can be burnt and buried as per local rules and the regulations

14. TRANSPORTATION / PACKAGING INFORMATION

Packaging mark	Normal chemical product
Packaging type	As per the normal chemical product
Packaging method	Standard packaging,
Notice	Transport at normal temperature and avoid strong sun light and rain. can not transport with sand, metal and inflammable product.

15. REGULATORY INFORMATION

Packaging mark	Normal chemical product
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Packaging type	As per the normal chemical product
Packaging method	Standard packaging,
Notice	Transport at normal temperature and avoid strong sun light and rain. can not transport with sand, metal and inflammable product.

16. OTHER INFORMATION