

Material Safety Data Sheet(MSDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PP(Polypropylene)
Other Name: -
Recommended use : May be used to produce molded or extruded particles or as a component of other industrial products.
Manufacturer or supplier: Shanghai SECCO Petrochemical Company Limited
4/30F,A Building, Far East International Plaza
No.319, Xian Xia Road,Shanghai 200051 P.R. China
Emergency phone/fax : +86-21-52574688

2. HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 0-4) : HEALTH=1 FIRE=1 REACTIVITY=0
EC CLASSIFICATION (CALCULATED) : No classification assigned.

EMERGENCY OVERVIEWS :

Solid pellets with slight or no odor. Spilled pellets create slipping hazard.
Can burn in a fire creating dense toxic smoke. Molten plastic can cause severe thermal burns.
Fumes produced during melt processing may cause eye, skin and respiratory tract irritation.
Secondary operations, such as grinding, sanding or sawing, can produce dust which may present an explosion or respiratory hazard.

POTENTIAL HEALTH EFFECTS :

EYE : Product may cause irritation or injury due to mechanical action.

SKIN : Pellets not likely to cause skin irritation.

INGESTION : Not acutely toxic.

INHALATION : Pellet inhalation unlikely due to physical form.

CHRONIC / CARCINOGENICITY :

NTP : Not Tested

OSHA : Not Regulated

IARC : Not Listed

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	Cont nt (%)	<u>CAS Number</u>	Exposure Limits In Air		
			ACGIH TLV-TWA	ACGIH TLV-STEL	IDLH
Polyolefin	99.25wt%	9010-79-1	10mg/m3 (inhalable fraction)	NA	NA
Proprietary additives	≅0.75wt%	mixture	-	-	-

4. FIRST AID MEASURES

MEDICAL RESTRICTIONS :

EYE : Remove contact lenses at once. Immediately flush eyes well with copious quantities of water or normal saline for at least 15-20 minutes. If irritation persists, seek medical attention.

SKIN : seek medical attention if rash or burn occurs.

INGESTION : Not probable. If a large amount is swallowed, seek medical attention.

INHALATION : Not Likely to be inhaled due to physical form.

MELT PROCESSING :

For molten plastic skin contact, cool rapidly flush with water and immediately seek medical attention.

Do not attempt removal of plastic without medical assistance. Do not use solvent for removal.

For processing fume inhalation irritation, leave contaminated area and breathe fresh air. If coughing, difficult breathing or any other symptoms develop seek medical attention at once, even if symptoms develop at a later time.

For skin contact with fume condensate, immediately wash thoroughly with soap and water. If irritation develops seek medical attention.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING :

Approved pressure demand breathing apparatus and protective clothing should be used for all fires. Water spray is the preferred extinguishing medium. This product will melt but will not be carried on the surface for water.

EXTINGUISHING MEDIA :

Water spray and foam, Water is the best extinguishing medium. Carbon dioxide and dry chemical are not generally recommended because their lack of cooling capacity may permit re-ignition.

HAZARDOUS COMBUSTION PRODUCTS :

Hazardous combustion products may include intense heat, dense black smoke, carbon monoxide, carbon dioxide, oxides of phosphorus, hydrogen cyanide, hydrocarbon fragments, hydrogen fluoride, carbonyl fluoride and fluorocarbon fragments.

FLASH POINT: Not Applicable

LOWER FLAMMABLE LIMIT : Not Established

UPPER FLAMMABLE LIMIT : Not Established

AUTOIGNITION : Not Established

FLAMMABILITY CONDITIONS : Requires a continuous flame source to ignite and sustain combustion.

EXPLOSION DATA : Not Established

IMPACT SENSITIVITY : Not sensitive to mechanical impact.

STATIC DISCHARGE : Not sensitive to static discharge. (See Section 7)

6. ACCIDENTAL RELEASE MEASURES

GENERAL :Sweep or gather up material and place in preper container for disposal or recovery. (See Section 13)

7. HANDLING AND STORAGE

HANDLING :

Follow recommendations on label and in processing guide. Prevent contact with skin and eyes. Use good industrial hygiene proctices. Provide adequnte ventilation. Secondary operations such as grinding, sanding or sawing may produce a dust explosion hazard. Use aggressive housekeeping activities to prevent dust accumulation; employ bonding, grounding, venting and explosion relief provisions in accordance with accepted engineering practices.

STORAGE :

Store in a dry place away from moisture, excessive heat and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS :

A continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust systems is recommended. Processing fume condensate may be a fire hazard and toxic;remove periodically from exhaust hoods, duct work amd othwr suricaces using appropriate personal protection. For piwders and residual dusts refer to Section 7.

PERSONAL PROTECTION :

EYE/FACE : Wear safety glasses with side shields or chemical goggles. In addition, use full face shield when cleanning processing fume condensates from hoods,ducts and other surfaces.

RESPIRATORY : When handling fumes are not adequstely controlled, use respirator approved for protection from organic vapors and acid gases. When dust or powder from secondary operations, such as grinding, sanding or sawing, are not adequately controlled use respirator approved for protection from dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Solid

COLOR AND APPEARANCE : Plastic pellet with slight odor

BOILING POINT : Not Applicable

MELTING POINT (°C) : 160 170

VAPOR PRESSURE (mmHg) : Negligible

VAPOR DENSITY (Air=1) : Not Applicable

SPECIFIC GRAVITY : 1.40 1.60

WATER SOLUBILITY : Insoluble

SOLVENT SOLUBILITY : Slightly soluble in strong polar slovent or chlorinated solvents

% VOLATITLES :Negligible

pH :Not Applicable

ODOR THRESHOLD :Not Established

EVAPORATION RATE :Negligible

EVAPORATION RATE :Negligible

COEFFICIENT WATER / OIL DISTRIBUTION : Not Established

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

10. STABILITY AND REACTIVITY

STABILITY : Stable under recommended conditions of Section 7

REACTIVITY : Not reactive under recommended conditions of handling, storage, processing and use.

CONDITIONS TO AVOID :

Do not exceed melt temperature recommendations in product literature.

In order to avoid autolgnition/hazardous decomposition of hot thick meases of plastic, purgings should be collected in small, flat shapes or thin strands to allow for rapid cooling and quenching in water.

Do not allow product to remain in barrel at elevated temperatures for extended periods of time ; purge with a general purpose resin. (See Section 8 for respiratory protection advice)

HAZARDOUS DECOMPOSITION :

Major decomposition gases are oxidized hydrocarbons (probably carbon monoxide) and steam. Minor components in decomposition gas may be aldehyde, phenolic compounds, etc.

11. TOXICOLOGICAL INFORMATION

Not Available

12. ECOLOGICAL INFORMATION

Not expected to present any significant ecological problems

13. DISPOSAL CONSIDERATIONS

RCRA HAZARDOUS WASTE :

Products is not a RCRA hazardous waste.

WASTE DISPOSAL :

Recycling is encouraged. Landfill or incinerate in accourdance with federal, state and local requirements. Collected processing fume condensates and incinerator ash should be tested to determine waste classification.

14. TRANSPORT INFORMATION

DOT HAZARD CLASS: Not Regulated

PROPER SHIPPING NAME: Not Regulated

IDENTIFICATION NUMBER: Not Listed

TDGA: Not Listed

15. REGULATORY INFORMATION

Listed below are chemical substances subject to supplier notification requirements.

U.S. REGULATIONS :

TSCA INVENTORY STATUS : This product complies with the Chemical Substance Inventory requirements of the US EPA TSCA.

CERCLA SECTION 103 (40CFR302) : Not Listed

SARA SECTION 313 (40CFR372.65) : Not Listed

SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21)

ACUTE: Not Listed

CHRONIC: Not Listed

FIRE: Not Listed

REACTIVE: Not Listed

SUDDEN RELEASE : Not Listed

STATE REGULATIONS :

California Proposition 65 : Not Listed

EUROPEAN REGULATIONS :

EC NUMBER: Not assigned

16. OTHER INFORMATION

None





法晋检测
Fajin Testing

Material Safety Data Sheet (MSDS)

NO.: FJT201608240101-1

Date: Jun 25, 2016

Page 1 of 5

Applicant: Shanghai Best China Industry Co.,Ltd.

Address: Rm.1202,NO.2,No.533 Anbo Rd,Yangpu,Shanghai,China

Sample information:

Sample name:PET Plastic

Sample received date: Jun 24, 2016

Testing period: From Jun 24, 2016 to Jun 25, 2016

Test Requested: As specified by the client, to edit Material Safety Data Sheet (MSDS) for the submitted sample.



Shanghai Fajin Testing Technology Co., Ltd.

Approved by

Shanghai Fajin Testing Technology Co.,Ltd.
Room 1018, No.16 V6 Epoch Commercial Building, Xinyuan Road, Anting Town, Jiading District, Shanghai City
TEL:021-69580886 <http://www.m-sds.com>



法晋检测
Fajin Testing

Material Safety Data Sheet (MSDS)

NO.: FJT201608240101-1

Date: Jun 25, 2016

Page 2 of 5

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: PET Plastic

Manufacture: Shanghai Best China Industry Co., Ltd.

Address: Rm.1202, NO.2, No.533 Anbo Rd, Yangpu, Shanghai, China

Fax: 021-61670085

Emergency Telephone: 021-61670085

Email: murphybackup@163.com

Section 2 - Hazards Identification

Hazards Identification:



Invasion route: Inhalation, eyes, skin contact.

Health hazards:

1. Under the normal condition of industrial application, skin contact do not cause skin absorption hazard and irritate, but product debris can cause mechanical irritating to eyes and skin. 2. Fumes produced during burning may cause eyes, skin and respiratory system irritation. Severe may result in nausea, headache, chills or fever.

Environment hazards: Combustion products cause air pollution.

Section 3 - Composition/Information on Ingredient

Pure Admixture

Composition:

Chemical Name	In % By Weight	CAS No.	Molecular Formula
Polyethylene terephthalate (PET)	100%	25038-59-9	C10H8O4

Abbreviation: CAS No. is Chemical Abstract Service Registry Number.

Shanghai Fajin Testing Technology Co., Ltd.
Room 1018, No.16 V6 Epoch Commercial Building, Xinyuan Road, Anting Town, Jiading District, Shanghai City
TEL: 021-69580886 <http://www.m-sds.com>



法晋检测
Fajin Testing

Material Safety Data Sheet (MSDS)

NO.: FJT201608240101-1

Date: Jun 25, 2016

Page 3 of 5

Section 4 - First Aid Measures

Eyes contact: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water after contact with product debris.

Inhalation: Excess fumes produced during burning, remove from exposure and move to fresh air immediately, maintain peogaster patency, give oxygen when breathing difficulty.

Ingestion: Under normal circumstances will not ingestion.

Section 5 - Fire Fighting Measures

Danger characteristic: The sample can burn.

Fire-fighting method: The staff must equip with filter mask (full cover) or isolated breathing apparatus, wear clothes which can defense fire and toxic gases. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible.

Fire extinguishing agent: Foam, powder, CO₂, Sandy clay.

Section 6 - Accidental Release Measures

Emergency treatment: Small amount of divulgence: clean off. Collecte in a dry, clean, covered container and transferred to safe place; Massive divulgence: Recycle or transport to waste treatment place for handling.

Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear appropriate personal protective equipment. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package.

Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling.

Storage: Keep in sealed container, place in a cool dry place. The storage place should be equipped with devices for divulgence handling and suitable shelter materials.

Material Safety Data Sheet (MSDS)

NO.: FJT201608240101-1

Date: Jun 25, 2016

Page 4 of 5

Section 8 - Exposure Controls, Personal Protection

Respiratory Protection: No protection in normal situation.

Eyes Protection: No protection in normal situation.

Body Protection: Wear work clothes.

Hands Protection: Wear protective gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Section 9 - Physical and Chemical Properties

Appearance and characteristic: Solid

Water solubility: Insoluble in water

Color: Transparent

Odor: Odourless

Melting point: 250-255°C

Density: 1.68

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: Strong oxidizing agent, strong acid

Conditions to Avoid: Flame

Hazardous Polymerization: None

Combustion decomposition products: CO, CO₂, Hydrocarbon hydrocarbon decomposition

Section 11 - Toxicological Information

Acute Toxicity: No known significant effects or serious harm.

Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

Irritation: No known significant effects or serious harm.

Sensitization: No known significant effects or serious harm.

Mutagenicity: No known significant effects or serious harm.

Carcinogenicity: No known significant effects or serious harm.



法晋检测
Fajin Testing

Material Safety Data Sheet (MSDS)

NO.: FJT201608240101-1

Date: Jun 25, 2016

Page 5 of 5

Section 12 - Ecological Information

Mobility:None

Persistence and degradation:No information.

Potential bioaccumulation: No information.

Section 13 - Disposal Considerations

Disposal method: Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Disposal considerations: Choose to have certified disposal contractor.

Section 14 - Transport Information

Transport Attentions: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Corresponding varieties and number of fire equipment and spill contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. For transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

End of MSDS

Shanghai Fajin Testing Technology Co.,Ltd.
Room 1018, No.16 V6 Epoch Commercial Building, Xinyuan Road, Anting Town, Jiading District, Shanghai City
TEL:021-69580886 <http://www.m-sds.com>