

# Chemical Safety Data Sheet

Version: 2018 版

Date: 3-12-2018

Product name: <b>HF-1185A</b> TPU Plastic pellets
Thermoplastic Polyurethane Elastomer (TPU)
Company name: zhejiang huafeng thermoplastic polyurethane co., ltd.
Address: Xincheng industrial park, ruian city, zhejiang province, china
Post code: 325206
Phone number/ Fax: 0086-577-65189059/0086-577-65181808
Emergency Number: 0532-83889090

## 2. Composition/composition information

Solid

Mixture

Thermoplastic Polyurethane Elastomer (TPU)
Generic Name: TPU Thermoplastic Polyurethane Elastomer
Percentage of chemical composition (%): 100% Polyurethane Resin III

## 3. Hazard Summary

Hazard Category: Non-hazardous Item, Unclassified Intrusion
Route: None
Health Hazards: Severe Eye Injuries/Eye Irritation 28
Environmental Hazards: No
Explosion hazard: none

## 4. 1st Aid Measures

Skin contact: no need
Eye contact: If inadvertently contacted, rinse immediately with water.
Inhalation: Seek medical attention immediately
Ingestion: If you accidentally eat, you should seek medical attention immediately.

## 5. Fire fighting measures

Hazardous properties: Degradation of polymers at high temperatures, generation of fumes, unidentified toxic gases and irritating compounds
Hazardous combustion products: carbon monoxide, carbon dioxide, nitrogen oxides
Extinguishing methods and extinguishing agents: extinguish with foam, dry powder and carbon dioxide
Fire Fighting Precautions and Measures: Firefighters should be equipped with a positive pressure breathing apparatus and wear protective clothing to evacuate the crowd.

## 6. Leakage emergency treatment

Cleaning method: After cleaning the spill, concentrate on the trash can to be processed.
--

## 7. Handling and storage

Handling Precautions: When processing, set exhaust ventilation equipment.
Storage Precautions: Store in a dry, ventilated, sun-free area.

## 8. Contact control / personal protection

Maximum allowable concentration: none
Engineering Control: None
Respiratory protection: no need
Eye protection: wear protective glasses
Body protection: no need
Hand protection: cotton yarn gloves

## 9. Physical and chemical properties

Appearance and traits: translucent rice granular solid particles	
pH Rate: middle	
Melting point (°C): NO	Relative density: 1.22g/cm <sup>3</sup>
Boiling point (°C): NO	Relative vapor density: NO
Saturated vapor pressure (kPa): NO	Combustion value (KJ/mol): NO
Critical temperature (°C): NO	Critical pressure (MPa): NO
Octanol/water partition coefficient: no data	
Flash point (°C): no flash point	Upper explosion limit % (V/V): no explosion
Auto-ignition temperature: no spontaneous combustion	Lower explosion limit % (V/V): no explosion
Solubility: insoluble in water	

## 10. Stability and reactivity

Stability: stable
Incompatibility: none
Conditions to avoid contact: none
Polymerization hazard: none
Decomposition products: not tested, may include CO, CO <sub>2</sub> , and a small amount of cyanide, nitrogen oxides.

## 11. Toxicological information

Acute toxicity: none
Subacute and chronic toxicity: none
Irritating: none
Sensitization: none

## 12. Ecological information

Ecotoxicity: none
Biodegradability: none
Non-biodegradable: It will decompose slowly with time and has no effect on the environment and ecology.

## 13. Disposal

Nature of waste: not hazardous waste
Disposal method: put the waste in the incinerator and burn it off
Disposal considerations: None

#### 14. Transportation information

Dangerous Goods Number: None
UN code: none
Packing mark: none
Packing category: no special regulations
Packing method: bagged
Shipping Notes: None

#### 15. Regulatory information

Domestic chemical safety management regulations: no special regulations
---

#### 16. Additional information

Disclaimer:
The purpose of the above information is to promote health, safety and environmental knowledge. Data and information are truthfully presented and the accuracy of the information is guaranteed, but no representation or recommendation is made of any warranty, express or implied. The conditions or methods of processing, storing, using and disposing of this product are beyond our control and we assume no responsibility for such damages, indemnities and other expenses. Comply with the laws and regulations of the corresponding countries and regions.