



Pony Testing International Group

Report No.: 0905043-029~1

# MSDS Report

ACCREDITATION CERTIFICATE OF CHINA NATIONAL  
ACCREDITATION BOARD FOR LABORATORIES (No. CNAS L3192)

Samples

HDPE

Client Unit

DongGuan Capital Plastic Electronics Limited

Client Address

Avenue 18, Yongwen, YuanWuWei,  
HuangJiangZhen, DongGuan City, GuangDong  
Province

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## Material Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**Product Name:** HDPE

**Manufacture:** DongGuan Capital Plastic Electronics Limited

**Address:** Avenue 18, Yongwen, YuanWuWei, HuangJiangZhen, DongGuan City, GuangDong Province.

**Post Code:** 523750

**Tel:** 0769-82020589

**Emergency Telephone:** 0769-82020589

**Fax:** 0769-82020539

**E-Mail:** candormail@163.com

### Section 2 - Composition/Information on Ingredient

Chemical composition	CAS No.	Weight%
HDPE (PE)	9002-88-4	100

### Section 3 - Hazards Identification

No harm under normal use. **Caution! Molten material will produce thermal burns.**

At long industrial contact dust may cause irritating of eyes, skin, respiratory system.

### Section 4 - First Aid Measures

If contact with molten material or at long industrial condition, deal with as follows

#### Eye

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical aid.

#### Skin

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If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical aid.

#### **Inhalation**

Remove victim to fresh air. If symptoms develop, seek medical advice.

#### **Ingestion**

Do not induce vomiting. Get medical attention.

#### **Note to Physician**

Burns should be treated as thermal burns. The material will come off as healing occurs, therefore, immediate removal from the skin is not necessary.

## Section 5 - Fire Fighting Measures

**Flammability:** Combustible at high temperature.

#### **Extinguishing Media**

Water spray.

#### **Firefighting**

Wear self contained breathing apparatus and protective clothing.

#### **Unusual Fire and Explosion Hazards**

Airborne dust may explode if ignited.

#### **Decomposition Products**

Carbon monoxide, carbon dioxide, toxic or irritating smoke. Static discharge (material can accumulate static charges, which can cause an incendiary electrical discharge).

## Section 6 - Accidental Release Measures

### **Steps to be taken in case material is spilled or released at long industrial condition**

Remove ignition sources. Evacuate area. Avoid breathing dust, wear protective equipment. Shut off source of the leak only if it is easy to do so. Sweep up and collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

## Section 7 - Handling and Storage

### **Handling**

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Keep away from heat, spark, open flame, ignition sources, or water. Keep containers closed when not in use. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Minimize dust generation and accumulation. Not to smoke. Wash skin with soap and water after contact. Empty containers may contain product residue. Do not reuse and damage empty container.

### Storage

Store in a cool, dry and well-ventilated place. Consumption of food and beverage should be avoided in work areas. Wash hands with soap and water before eating, drinking.

## Section 8 - Exposure Controls, Personal Protection

If prolonged or repeated contact with this material, handle as follows

### Engineering Controls

In a cool, well-ventilated area. Use an approved particulate respirator in dusty or misty atmospheres. Use explosion-proof equipment if needed.

### Personal Protection

Safety glasses, gloves, lab coat, eye washer and safety shower if needed.

### Exposure Limits

#### Polyethylene

ACGIH TWA 10 mg/m<sup>3</sup> (total dust)

OSHA TWA 15 mg/m<sup>3</sup> (total dust); 5 mg/m<sup>3</sup> (respirable dust)

## Section 9 - Physical and Chemical Properties

**Flash point:** N/A.

**Flammability:** Combustible at high temperature.

**Specific Gravity:** 0.92 ~ 0.97.

**Solubility:** Insoluble in water.

**Appearance and odor:** Silver-white with odorless film.

## Section 10 - Stability and Reactivity

### Stability

Stable.

### Incompatible Materials

Heat, spark, open flame, ignition source.

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**Hazardous Combustible Products**

Carbon monoxide, carbon dioxide, toxic or irritating smoke. Static discharge (material can accumulate static charges, which can cause an incendiary electrical discharge).

**Corrosive**

Non-corrosive.

**Hazardous Polymerization**

Will not occur.

**Section 11 - Toxicological Information**

**Polyethylene**

**Oral LD50 for Rat:** >2000mg/kg.

**Section 12 - Ecological Information**

Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks.

**Section 13 - Disposal Considerations**

All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations.

**Section 14 - Transport Information**

**This product is not hazard material or hazard goods for transportation.**

**Transport Fashion:** By railway, by highway.

**Section 15 - Regulatory Information**

**Law Information**

- 《Dangerous Goods Regulation》
- 《Recommendations on the Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》



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《Technical Instructions for the Safe Transport of Dangerous Goods》  
《Classification and code of dangerous goods》  
OSHA Hazard Communication Standard Status  
Toxic Substances Control Act (TSCA) Status  
SARA Title III  
RCRA  
In accordance with all Federal, State and Local laws.

### 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 maybe 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.

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