



Pony Testing International Group

Report No.: 1008185-063

MSDS Report

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

Samples

BOPP

Client Unit

DongGuan Capital Plastic Electronics Limited

Client Address

40-42 SHIXIA ROAD, SHIXIA VILLAGE,
DALANG TOWN, DONGGUAN

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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: BOPP

Manufacture: DongGuan Capital Plastic Electronics Limited

Address: 40-42 SHIXIA ROAD, SHIXIA VILLAGE, DALANG TOWN, DONGGUAN

Post Code: 523792

Tel: 0769-82222101

Emergency Telephone: 0769-82222101

Fax: 0769-82222103

E-Mail: candormail@163.com

Section 2 - Composition/Information on Ingredient

Chemical composition	CAS No.	In % by Weight
BOPP (PP)	9003-07-0	100

Section 3 - Hazards Identification

No harm under normal use. At long industrial condition, reference as follow.

Eye

If heated to 235 °C, the product may form vapors or fumes which may cause irritation to the eye.

Skin

Mechanical irritation or abrasion from pellets or powder. Contact heated polymer can cause serious thermal burns.

Inhalation

If heated to 235 °C, the product may form vapors or fumes which may cause irritation to the respiratory tract.

Ingestion

May be a vomiting.

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Section 4 - First Aid Measures

If contact with molten material (heated polymer) or at long industrial condition, deal with as follows:

Eyes

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

Skin

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: May be combustible at high temperature.

Extinguishing Media

CO₂, dry chemical, foam, water spray.

Firefighting

Wear self contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards

An electrostatic charge can potentially build up when pouring pellets. Grounding of equipment is recommended. Material will not burn unless pre-heated. Use water to cool fire exposed containers.

Decomposition Products

Carbon monoxide, carbon dioxide, oxides of nitrogen, and organic chemicals such as methane, ethane, acrolein, organic acid, alcohols, ketones, and aldehydes, other irritating and toxic gases, soot. The smoke may contain polymer fragments or toxic and/or irritating chemicals depending on combustion conditions.

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Section 6 - Accidental Release Measures

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

Remove ignition sources, Keep away from heat and flame, Evacuate area. Avoid breathing dust, vapor, and fume. 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. Pellets present slipping hazard on hard surface.

Waste Disposal Method

Use Waste Disposal Methods in accordance with local rules and regulations.

Section 7 - Handling and Storage

Handling

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

Storage

Fixed equipment, as well as transfer containers and equipment, should be grounded to prevent accumulation of static charge. 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. No smoking. Keep away from strong oxidizers, fluorine gas, free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons.

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.

Personal Protection

Safety glasses, protective gloves, and garments, eye washer and safety shower

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if needed.

Exposure Limit**PP**OSHA PEL 15mg/m³ Total particulate; 5mg/m³ Respirable particulate.ACGIH TLV 10mg/m³ Inhalable particulate; 3mg/m³ Respirable particulate.**Section 9 - Physical and Chemical Properties****Flash Point:** 350°C.**Flammability:** May be combustible at high temperature.**Melting Point:** 160 ~ 165°C.**Auto Ignition temperature:** >380°C.**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, strong oxidizers, fluorine gas, free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons. Do not heat to temperatures exceeding 235°C.

Hazardous Combustible Products

Carbon monoxide, carbon dioxide, oxides of nitrogen, and organic chemicals such as methane, ethane, acrolein, organic acid, alcohols, ketones, and aldehydes, other irritating and toxic gases, soot. The smoke may contain polymer fragments or toxic and/or irritating chemicals depending on combustion conditions.

Corrosive

Non-corrosive.

Section 11 - Toxicological Information**No toxicity information.**

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Section 12 - Ecological Information

Not expected to be acutely toxic but maybe mechanically harmful to wildlife if ingestion is attempted. Polymer is expected to photo degrade in sunlight but remain in soil as an inert material. 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

Recycle this product if possible. 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. If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

Section 14 - Transport Information

Not a hazard material 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》

《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

California Proposition 65

In accordance with all Federal, State and Local laws.

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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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