

# Camel Polyurethane Coating PU600

## MSDS

<Material Safety Data Sheet>  
2018-03-20

### 1. Identification of Product and Company

Product Name: Camel Polyurethane Coating PU600  
Chemical Nature: PU resin  
Manufacturer: Yip's Camel (Hong Kong) Limited  
Address: 27/F., Fortis Tower, 77 – 79 Gloucester Road, Wanchai, Hong Kong.  
Postal Code: N/A  
Emergency Telephone No: (852) 2675 2333

### 2. Hazards Identification

GHS Classification: Class 3.2, medium flash point, flammable liquid.  
Routes of entry: Inhalation, ingestion and skin contact.  
Physical hazards: May cause headache, nausea, no appetite, eye swollen, respiratory sickness and skin problem. Cause stimulating and allergic reaction.  
Environmental hazards: Endanger environment, especially water pollution  
Explosive limit: Flammable, explosion may occur if heated or exposed to flames or sparks.

### 3. Composition on Ingredients

Hazardous material	Content %	CAS No
Butyl acetate	5% - 35%	123-86-4
Xylene, isomer mixture	5% - 25%	1330-20-7
Cyclohexanone	0% - 25%	108-94-1
Cellosolve acetate	0.5% - 10%	111-15-9

### 4. First Aid Measures

Skin contact: Remove contaminated clothing and wash with soap and water. Suppose skin irritation persists, seek medical care.  
Eye contact: Irrigate with water for 15 minutes. Seek medical advice if irritation persists.  
Inhalation: Remove patient to fresh air, keep warm and at rest. If recovery is not rapid, seek immediate medical attention.

### 5. Fire Fighting Measures

General Hazard: Flammable, explosion may occur if heated or exposed to flames or sparks.  
Decomposition Products Under Fire Condition: Carbon monoxide and carbon dioxide.  
Extinguishing Media: Spray water to cool down container and remove it away from fire. Use foam, CO<sub>2</sub>, dry powder.

### 6. Accidental Release Measures

Steps to be taken if material is released or spilled: Eliminate sources of ignition. Use sand or mud to absorb and move material to a safe place to wait for disposal.  
Waste disposal method: Utilize authorized centres for disposal of waste chemical in accordance with local regulations.

## 7. Handling and Storage

Handling:	Handle in good ventilated areas. Workers are well trained. Wear suitable clothing, mask and safety glasses. Keep away from sources of ignition. Smoking is prohibited. Loading/ unloading with care. Do not spoil the container. Ensure storage vessels and transfer equipment are earthed. Do not spoil the container. Ensure storage vessels and transfer equipment are earthed.
Storage:	Store at cool dry place. Keep container tightly closed and keep out of reach from children. Store separately from oxidizing agent. Use spark-proof tools.

## 8. Exposure Controls/ Personal Protection

Monitoring measures	: Gas chromatography
Process control	: Ensure adequate ventilation especially in closed type operation.
Respiratory protection	: Normal working conditions should have adequate ventilation and vapour extraction. If vapour exceeds the Occupational Exposure Limit (OEL), use suitable fresh air fed respiratory equipment.
Eye protection	: Wear goggles or safety glasses with side protection.
Skin protection	: Wear suitable protective clothing. Remove contaminated clothing to avoid skin contact.
Hand protection	: Wear PVC, nitrile, polyurethane or other suitable material gloves.
Other protection	: No smoking is allowed in the working place. Regular body check is recommended.

## 9. Physical and Chemical Properties

Appearance and odor	: Coloured viscous liquid; characteristic odor
Boiling point ,760 mm Hg (°C)	: Not applicable
Flash point	: Not applicable
Freezing point	: Not applicable
Autoignition temperature	: Not applicable
Solubility in water	: Insoluble

## 10. Stability and Reactivity

Stability	: Stable
Materials to avoid	: Strong oxidizing agent
Conditions to avoid	: Exposure to high temperature or flames
Hazardous Decomposition	: Containing carbon dioxide and carbon monoxide
Products:	
Hazardous polymerization	: Not happened

## 11. Toxicology Information

Irritation:	High vapour concentration is irritating to the eyes and respiratory tract, may cause headaches, dizziness, nausea, vertigo and unconsciousness and may have other central nervous effects.
Ingestion:	Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary edema. Low order of toxicity.
Skin contact:	Frequent or prolonged contact may irritate and cause dermatitis. May be absorbed with possible systemic effects.
Eye contact:	Irritating

## 12. Ecology Information

Eco-toxicity:	According to environmental regulation, this product is not allowed to enter a watercourse and sewer or release to the environment.
Biodegradation:	Not available
Non-biodegradation:	Not available

## 13. Disposal Consideration

Characteristic :	Hazardous waste
Handling :	Disposal must be in accordance with current national and local regulations. Appropriate disposal is by incineration.

## 14. Transport Information

Code for dangerous goods:	32198
UN number:	1263
Package classification:	III
Risk label:	Flammable
Packing method:	Tin pail, metal pail and plastic bottle packed with carton box or wooden box.
Handling:	Flammable, keep products dry and away from food.

## 15. Regulatory Information

National regulation:	<Regulations on the Control Over Safety of Dangerous Chemicals> (Decree No.591 of the State Council of the People's Republic of China, Issued by State Council on 16th Feb 2011) governs the production, application, storage, transportation and handling of dangerous chemicals. Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong According to "Classification and Labels of Dangerous Chemical Substances Commonly Used" (GB 13690-2009), this product is classified as Class 3.2 flammable liquid. "Regulation of Dangerous Chemical Substances Safety Managements" (1987-2-17), "The Health Standard in the Air of Workplace" are used to related regulations for dangerous goods in terms of application, production, storage, transportation and loading/ unloading. (Please refer to 'Product Specification' for further information)
Other regulation:	Not available



## 16. Other Information

Date of preparation: 2018/03/20  
Reference: GB/T 14683-2008  
Date check dept: R&D  
Note:

The information contained herein is based on our present state of knowledge and is to characterize our product properties only. We do, however, update the content to meet the actual situation but without prior notice.

---