



Camel Synthetic Enamel MA500 Line

MSDS

<Material Safety Data Sheet>
2018-03-20

1. Identification of Product and Company

Product Name: Camel Synthetic Enamel MA500 line
Chemical Nature: Alkyd base product
Supplier: 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
200# White gasoline	25-30%	8030-30-6
TiO ₂	25-35%	13463-67-7
Alkyd resin	30-40%	

4. First Aid Measures

Ingestion: Drink plenty of water or milk, seek medical attention and treat symptomatically. Do not induce vomiting.
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, CO₂, dry powder

6. Accidental Release Measures

Steps to be taken if material is released or spilled:

Waste disposal method:

Eliminate sources of ignition. Use sand or mud to absorb and move material to a safe place to wait for disposal.

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.

Storage:

Keep container tightly closed. Store at cool dry place and keep away from flames or sparks.

8. Exposure Controls/ Personal Protection

TLVs

: Not available

Monitoring measures

: Use GC to measure the limit of toxic smoke in the air.

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

Freezing point

: $< -20^{\circ}\text{C}$

Boiling point, 760 mm Hg ($^{\circ}\text{C}$)

: $145-205^{\circ}\text{C}$

Flash point (closed cup)

: $\geq 35^{\circ}\text{C}$

Autoignition temperature

: $> 200^{\circ}\text{C}$

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

Acute toxicity :	Not available
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. Eye contact is irritating. Frequent or prolonged contact with skin may irritate and cause dermatitis. May be absorbed with possible systemic effects.

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

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.
Transport note :	Handle with care. Avoid damage of container. Keep away from direct sunlight.

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.
