

# YOY Carbon Black CO., LTD

7/F, BRIGHT WAY TOWER, NO. 33 MONG KOK ROAD, KOWLOON, HONG KONG

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## Material SAFETY DATA SHEET (MSDS)

PE Masterbatch 8006

### 1. INFORMATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY IDENTIFICATION

1.1 CHEMICAL NAME:BLACK MASTERBATCH

1.2 GRADE NO.:8006

1.3 MANUFACTURER/SUPPLIER:YOY Carbon Black CO., LTD

TEL:0086-752-6677793 FAX:0086-752-6677792

### 2.COMPOSITION / INFORMATION ON INGREDIENTS

COMPOUND:

CHEMICAL INGREDIENTS

COMPOSITION NAME	CONTENTS(%)	CAS NO.
CARBON BLACK	16%~50%	133-86-4
POLYETHYLENE	50%~84%	9002-88-4

### 3,HAZARD IDENTIFICATION

3.1 MAJOR HAZARD EFFECT

3.1.1 HAZARD WARNING FOR HEALTH :N/A

3.1.2 ENVIRONMENTAL IMPACTS:N/A

3.1.3 PHYSICAL AND CHEMICAL HAZARDS: N/A

3.1.4 SPECIFIC HAZARDS:N/A

3.2 MAIN SYMPTOMS:N/A

3.3 HAZARD CATEGORY:NO LISTED

#### 4, FIRST AID MEASURES

4.1 FIRST AID METHODS

4.1.1 INHALATION:ELIMINATE MASTERBATCHES.IN CASE OF INDISPOSITION,SEEK MEDICAL ADVISE.

4.1.2 SKIN CONTACT:NO WARNING

4.1.3 EYE CONTACTZ:RINSE WITH PLENTY OF WATER,IN CASE OF IRRITATION,SEEK MEDICAL ADVICE.

4.1.4 INGESTION: SEEK MEDICAL ADVICE.

4.2 MAJOR SYMPTOM AND HAZARD EFFECT:N/A

4.3 PROTECTION OF FIRST-AIDERS:N/A

4.4 ADVICE FOR DOCTORS:N/A

#### 5,FIRE FIGHTING MEASURES

5.1:EXTINGUISHING MEDIA:CARBON DIOXIDE,FOAM,WATER,DRY CHEMICAL SPRAY,NO SPECIAL REQUESTMENT

5.2 SPCIAL HAZARDS THAT MAY OCCUR DURING FIRE FIGHTING:N/A

5.3 SPECIAL EXTNGUISHING PROCEDURE:INCOMBUSTIBLE MATERIAL,NO SPECIAL REQUESTMENT.

5.4 PROTECTIVE EQUIPMENT FOR FIRE PERSONNEL:WITH GENERAL PROTECTIVE EQUIPMENT.

#### 6,ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL NOTES:N/A

6.2 ENVIRONMENTAL CONSIDERATIONS: MASTERBATCHES SCATTERED ON THE GROUND AVOID SLIPPING.

6.3 CLEANING METHOD:USE A VACUUM CLEANER,BROOM,DUSTPAN,SHOVEL FOR RECYCLING.

## 7. HANDLING AND STORAGE

7.1 HANDLING:DO NOT USE DAMAGED PAPER BAGS,PLASTIC BAGS OR OTHER CONTAINERS TO PREVENT OVERFLOW

7.2 STORAGE:DO NOT PLACE DIRECTLY ON DAMP FLOOR.

PROTECT FROM HEAT,DIRECT SUNLIGHT & HUMIDITY.

KEEP AT ROOM TEMPERATURE AND IN DRY CONDITIONS.

## 8, PREVENTIVE MEASURES

8.1 FACTORY CONTROL:NO SPECIAL REQUESTMENT.

8.2 CONTROL DATA:

MANAGEMENT CONCENTRATION:NO LIMIT

ALLOWABLE CONCENTRATION:NO LIMIT

BIOLOGICAL SETTINGS:NO LIMIT

8.3 PERSONAL PROTECTIVE EQUIPMENT:N/A

8.3.1 RESPIRATORY PROTECTIVE EQUIPMENT:N/A,GENERAL SERVICE SUIT

8.3.2 EYE PROTECTIVE EQUIPMENT:N/A

8.3.3 SKIN AND BODY PROTECTIVE EQUIPMENT:GENERAL SERVICE SUIT

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: BLACK PARTICLES	SHAPE:UNIFORM SIZE
COLOR:BLACK	ODOUR::N/A
P H VALUE:6~9	BOILING POINT/RANGE:NOT APPLICABLE
DECOMPOSITION TEMPERATURE:N/A	FLASH POINT:340°C
MELTING POINT:105°C~200°C	TESTING METHOD:PMCC ASTM D93

FLAMMABILITY:NOT APPLICABLE	UPPER/LOWER EXPLOSIVE:NOT APPLICABLE
VAPOR PRESSURE:NO EVAPORTATION,NO DATA	VAPOR DENSITY:N/A
DENSITY:1.2~1.5	SOLUBILITY:WATER INSOLUBLE,ORGANIC SOLVENTS INSOLUBLE,SOLUBLE IN NITRIC ACID

#### 10. STABILTY AND REACTIVITY

CHEMICAL STABILITY:STABLE,NO SPONTANEOUS COMBUSTION,NO POLYMERIZATION,NO EXPLOSION

THE POSSIBLE EXISTENCE OF HARMFUL REACTIONS IN A PARTICULAR STATE:HARMFUL GASES MAY BE DECOMPOSED AT HIGH TEMPERATURE AND PRESSURE

CONDITIONS TO BE AVOIDED:IMMERSION IN WATER TO AVOID DAMPNES

SUBSTANCES TO BE AVOIDED:AVOID CONTACT WITH COMBUSTIBLE SUBSTANCES AND SOLUTION

HAZARDOUS DECOMPOSITION:NO HAZARDOUS DECOMPOSITION AT ROOM TEMPERATURE

#### 11, TOXICOLOGICAL INFORMATION

URGENT TOXICITY:N/A

LOCAL EFFECTS:N/A

SENSITIVITY:N/A

SPECIAL EFFECTS:N/A

VARIABILITY:NO DOCUMENT SUPPORT

#### 12, ECOLOGICAL INFORMATION

POSSIBLE IMPACT ON THE ENVIRONMENT

12.1 DECOMPOSABILITY:N/A

12.2 ACCUMULATION:N/A

12.3 TOXICITY OF FISH:N/A

12.4 RISK:N/A

**13, DISPOSAL INFORMATION**

IT IS NON-TOXIC,INSOLUBLE AND CAN BE TREATED BY BURIAL.

PLEASE TREAT INDUSTRIAL WASTE AS INDUSTRIAL WASTE IN ACCORDANCE WITH RELEVANT REGULATIONS ON WASTE DISPOSAL AND CLEANING.

**14,TRANSPORT INFORMATION**

INTERNATIONAL TRANSPORT REGULATIONS	UNITED NATIONS (UN NO.)	DOMESTIC TRANSPORT REGULATIONS	SPECIAL TRANSPORTATION METHOD AND MATTERS NEEDING ATTENTION
N/A	N/A	N/A	N/A

**15,REGULATIONS DATA**

APPLICABLE LAWS AND REGULATIONS.

15.1 THE OPERATION REGULATION OF LABOR SAFETY AND HEALTH LAW

15.2 MEASURES FOR THE IMPLEMENTATION OF THE DETERMINATION OF THE WORKING ENVIRONMENT OF WORKERS BY THE LABOR COMMISSION.

15.3 STANDARD FOR ALLOWABLE CONCENTRATION OF HAZARDOUS SUBSTANCES IN AIR IN THE WORKING ENVIRONMENT OF WORKERS OF THE LABOR COUNCIL.

15.4 LABOR COMMITTEE DUST HAZARD PREVENTION STANDARDS

**16,OTHER INFORMATION**

16.1 RELATED LITERATURE

16.2 OFFER COMPANY:YOY CARBON BLACK CO.,LTD

16.3 EDITORIAL DEPARTMENT

16.4 THE REVISION DATE:NOV 8<sup>TH</sup>,2018

16.5 LAST REVISION DATE:FEB 10<sup>TH</sup>,2017