

YOY CARBON BLACK CO.,LTD

GP INDUSTRIAL PARK ,HUANGXI VILLAGE, SHIWAN TOWN,HUIZHOU CITY , GUANGDONG PROVINCE ,CHINA

SGS Job No. : CP19-050492
Sample Name : CARBON BLACK
End Uses : PIGMENT,COATING AND PAINTS,INKS,PLASTICS
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : 11 Sep 2019
SDS Preparation Period : 11 Sep 2019-19 Sep 2019

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Remark:

The SDS is prepared based on the information provided by client.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zm guan
Approved Signatory



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Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 17.09.2019

Version number 1

Revision: 17.09.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
 - **Trade name:** CARBON BLACK
 - **CAS Number:**
1333-86-4
 - **EC number:**
215-609-9
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
 - **Application of the substance / the mixture:** PIGMENT, COATING AND PAINTS, INKS, PLASTICS
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer / Supplier:** YOY CARBON BLACK CO., LTD
 - **Full address:**
GP INDUSTRIAL PARK , HUANGXI VILLAGE, SHIWAN TOWN, HUIZHOU CITY , GUANGDONG PROVINCE , CHINA
 - **Phone number:** +86- 0752-6677793 / +86- 13712322140
 - **Email:** sales@yoycarbons.com
 - **Only Representative / other EU contact point:** Not available
 - **Further information obtainable from:** YOY CARBON BLACK CO., LTD
- **1.4 Emergency telephone number:**
GERMANY
Poison Center Berlin - Institute of Toxicology
Tel: +49 030 192 40
- **1.5 Reference Number:** CP19-050492, CANEC1918007201

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified, according to the CLP regulation.
 - **Information concerning particular hazards for human and environment:**
The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.
 - **Classification system:**
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.
- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No. 1272/2008** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
- **2.3 Other hazards:**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances**
 - **CAS No. Description**
1333-86-4 carbon black
 - **Identification number(s)**
 - **EC number:** 215-609-9

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· **Remark** All ingredients listed above are not classified according to Regulation (EC) No. 1272/2008.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General description:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed:**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:**
No special measures required.
For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s):** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

1333-86-4 carbon black (100.0%)

WEL (Great Britain)	Short-term value: 7 mg/m ³ Long-term value: 3.5 mg/m ³
VME (France)	Long-term value: 3.5 mg/m ³

· **Regulatory information**

WEL (Great Britain): EH40/2018

VME (France): ED 984, 10.2016

· **DNELs:** Not available· **PNECs:** Not available· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

· **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Respiratory protection:** Not required.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· **Appearance**

Form: Powder

Colour: Black

· **Odour:** Odourless

· **Odour threshold:** Not available

· **pH-value:** Not available

· **Change in condition**

Melting point/Freezing point: Not available

Initial boiling point and boiling range: Not available

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· Flash point:	Not available
· Flammability (solid, gas):	Not available
· Auto-ignition temperature:	Not available
· Decomposition temperature:	Not available
· Self-igniting:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not available
Upper:	Not available
· Oxidising properties:	Not available
· Vapour pressure:	Not available
· Density:	Not available
· Relative density:	Not available
· Vapour density:	Not available
· Evaporation rate:	Not available
· Solubility in / Miscibility with water:	Not available
· Partition coefficient: n-octanol/water:	Not available
· Viscosity	
Dynamic:	Not available
Kinematic:	Not available
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** Data not available
- **10.2 Chemical stability:** Data not available
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

1333-86-4 carbon black

Oral	LD50	10,000 mg/kg (rat)
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- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.

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- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:** Not hazardous for water.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|--|
| · 14.1 UN-Number | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.2 UN proper shipping name | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.3 Transport hazard class(es) | |
| · ADR/RID/ADN, IMDG, IATA | |
| · Class | Not applicable |
| · Label | - |
| · 14.4 Packing group | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.5 Environmental hazards | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user: | Not applicable |
| · Danger code (Kemler): | - |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable |
| · 14.8 Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Void |

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SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **MAK(German Maximum Workplace Concentration)**

3B

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** Substance is not listed.

· **Seveso category** Not applicable

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** Not applicable

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** Not applicable

· **National regulations:**

· **Waterhazard class:** Generally not hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (16/7/2019)**

Substance is not listed.

· **REACH Regulation Annex XVII Restriction (20/06/2019)**

See Section 16 for information about restriction of use.

Substance is not listed.

· **REACH Regulation Annex XIV Authorisation List (13/6/2017)**

Substance is not listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

 The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

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· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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