

FOSHAN RONGCAI PLASTIC PIGMENT CO., LTD  
THE LION MOUNTAIN, LOCATED IN NANHAI DISTRICT GUANYAO GROUP OF GANG NORTH ROAD NO. 8

SGS Job No. : CP16-035624 - GZ  
Sample Name : Polyester chip  
Country of Origin : Japan  
End Uses : Injection molding, plastic, paint, BMC, extrusion and compression  
Composition/Ingredient of sample (as per client submission) : See section 3 Composition/information on ingredients on the SDS report  
Job Receiving Date : 08 Jun 2016  
Last Information Date : 12 Jun 2016  
SDS Preparation Period : 08 Jun 2016 – 15 Jun 2016

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

Zm guan  
Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing and Chemical Laboratory

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# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

Printing date 15.06.2016

Revision: 15.06.2016

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

- **1.1 Product identifier**
- **Trade name:** Polyester chip
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:**  
Injection molding, plastic, paint, BMC, extrusion and compression
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:** FOSHAN RONGCAI PLASTIC PIGMENT CO., LTD
- **Full address:**  
THE LION MOUNTAIN, LOCATED IN NANHAI DISTRICT GUANYAO GROUP OF GANG NORTH ROAD  
NO. 8
- **Phone number:** +86-0757-81267738
- **Email:** 582568692@qq.com
- **Only Representative / other EU contact point:** Not available
- **Further information obtainable from:** FOSHAN RONGCAI PLASTIC PIGMENT CO., LTD
- **1.4 Emergency telephone number:**  
UNITED KINGDOM  
National Poisons Information Service  
Tel: +44 (0) 344 892 0111 (for healthcare professional)  
+44 (0) 845 46 47 (in England or Wales)  
+44 (0) 8454 24 24 24 (in Scotland)  
+86-13674048285 rongping
- **1.5 Reference Number:** CP16-035624 - GZ, CANEC1610884601

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Aquatic Chronic 4 H413 May cause long lasting harmful effects to aquatic life.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of Regulation 1272/2008/EC.
- **Classification system:**  
The classification is according to the latest edition of EU Regulation 1272/2008/EC, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements**  
H413 May cause long lasting harmful effects to aquatic life.
- **Precautionary statements**  
P273 Avoid release to the environment.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards:**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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(Contd. on page 2)

# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

Printing date 15.06.2016

Revision: 15.06.2016

**Trade name: Polyester chip**

(Contd. of page 1)

### SECTION 3: Composition/information on ingredients

#### · 3.2 Mixtures

##### · Description:

Mixture of the substances listed below with nonhazardous additions.  
For the wording of listed hazard statements refer to section 16.

##### · Composition:

CAS: 25038-59-9	Polyethylene terephthalate	98,0%
	Aquatic Chronic 4, H413	
CAS: 1317-80-2 EINECS: 215-282-2	Rutile (TiO <sub>2</sub> )	1,0%
CAS: 147-14-8 EINECS: 205-685-1	29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper	0,6%
CAS: 1047-16-1 EINECS: 213-879-2	5,12-dihydroquino[2,3-b]acridine-7,14-dione	0,21%
CAS: 2512-29-0 EINECS: 219-730-8	2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutyramide	0,08%
CAS: 81-77-6 EINECS: 201-375-5	6,15-dihydroanthrazine-5,9,14,18-tetrone	0,06%
CAS: 128-69-8 EINECS: 204-905-3	perylene-3,4:9,10-tetracarboxylic dianhydride substance with a Community workplace exposure limit	0,05%

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

- **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:

CO<sub>2</sub> powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### · 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:

Do not allow product to reach sewage system or any water source.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

(Contd. on page 3)

# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

Printing date 15.06.2016

Revision: 15.06.2016

**Trade name: Polyester chip**

(Contd. of page 2)

- **6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.
- **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:** 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.

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

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

**128-69-8 perylene-3,4:9,10-tetracarboxylic dianhydride (0,05%)**

MAK (Germany) vgl. Abschn. III; Pyrolyseprod. aus org. Material

- **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:**  
Wash hands before breaks and at the end of work.  
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### · **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.

(Contd. on page 4)

# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

Printing date 15.06.2016

Revision: 15.06.2016

**Trade name: Polyester chip**

(Contd. of page 3)

- **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

<b>Form:</b>	Powder
<b>Colour:</b>	Brown
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not available

· **pH-value:** ~7

##### · Change in condition

<b>Melting point/Melting range:</b>	265 °C
<b>Boiling point/Boiling range:</b>	350 °C
<b>Freezing point:</b>	230 °C

· **Flash point:** Not available

· **Flammability (solid, gaseous):** Not available

· **Auto-Ignition temperature:** 300 °C

· **Decomposition temperature:** 300 °C

· **Self-igniting:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

##### · Explosion limits

<b>Lower:</b>	Not available
<b>Upper:</b>	Not available

· **Oxidizing properties:** Not available

· **Vapour pressure:** Not available

<b>Density:</b>	2,5 g/cm <sup>3</sup>
<b>Relative density:</b>	1,12
<b>Vapour density:</b>	Not available
<b>Evaporation rate:</b>	Not available

· **Solubility in / Miscibility with water:** Insoluble.

· **Partition coefficient (n-octanol/water):** Not available

##### · Viscosity

<b>Dynamic:</b>	Not available
<b>Kinematic:</b>	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:** Stable at normal temperature and pressure.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.

(Contd. on page 5)

# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

Printing date 15.06.2016

Revision: 15.06.2016

**Trade name: Polyester chip**

(Contd. of page 4)

- **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:**

**147-14-8 29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper**

Oral	LD50	15000 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.
- **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:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

EU

(Contd. on page 6)



# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

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Revision: 15.06.2016

Trade name: Polyester chip

(Contd. of page 5)

### 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 MARPOL73/78 and the IBC Code:	Not applicable.
· 14.8 Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

### SECTION 15: Regulatory information

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

· MAK(German Maximum Workplace Concentration)

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is 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: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Other regulations, limitations and prohibitive regulations

· SVHC Candidate List of REACH Regulation Annex XIV Authorisation (17/12/2015)

None of the ingredients is listed

· REACH Regulation Annex XVII Restriction (16/2/2016)

See Section 16 for information about restriction of use.

None of the ingredients is listed

· REACH Regulation Annex XIV Authorisation List (14/8/2014)

None of the ingredients is listed

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

### SECTION 16: Other information

· Relevant hazard statements

H413 May cause long lasting harmful effects to aquatic life.

(Contd. on page 7)

# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

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**Trade name: Polyester chip**

(Contd. of page 6)

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*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*

*ELINCS: European List of Notified Chemical Substances*

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

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4*

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