

# SDS

Date: Aug.20th, 2019

Page 1 of 4

## Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**Product Name:** Model 101 Printer Toner

**Manufacture:** Tianjin Synthetic Material Research Institute CO., LTD.

**Address:** 29 Dongting Road, Hexi District, Tianjin, china.300220

**Tel:** 022-28341654

**Emergency Telephone:** 020-82858902

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**Email:** tonerchem@tsmri-bh.com

### Section 2 - Hazards Summarizing

**Fatalness grade:** In accordance with Regulation (EC) No. 1272/2008, the sample isn't divided into dangerous article.

**Invasion route:** Skin contact, Eyes contact, Inhalation, Ingestion

**Health hazards:** No known significant effects or critical hazards.

**Environment hazards:** No known significant effects or critical hazards..

### Section 3 –Composition/Information on Ingredients

Substance ☐ Admixture ☐

Composition:

| Chemical Name                         | In % By Weight | CAS No.    | EC No.    | Molecular Formula   |
|---------------------------------------|----------------|------------|-----------|---|
| 2-butyl acrylate and styrene polymers | 45-55          | 25767-47-9 | NA        | C <sub>15</sub> H <sub>20</sub> O <sub>2</sub>                                  |
| Magnetic Materials                    | 35-45          | 1317-61-9  | 215-277-5 | Fe <sub>3</sub> O <sub>4</sub>  |
| CCA                                   | 1-5            | 31714-55-3 | 250-774-0 | C <sub>32</sub> H <sub>19</sub> Cl <sub>2</sub> CrN <sub>4</sub> O <sub>4</sub> |
| Wax                                   | 1-5            | 8002-74-2  | 232-315-6 | NA  |
| Amorphous Silica                      | 1-2            | 7631-86-9  | 231-545-4 | SiO <sub>2</sub>  |

Abbreviation:

CAS: Chemical Abstract Service

EC: European Inventory of Existing Commercial chemical Substances

NA: Not apply.

### Section 4 - First Aid Measures

**Skin contact:** Remove contaminated clothes and rinse the skin with plenty of water.

**Eyes contact:** Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid.

**Inhalation:** Remove from exposure and move to fresh air immediately. Keep the respiratory tract smooth. Use oxygen if available. Get medical aid.

**Ingestion:** Gargle. Get medical aid.

# SDS

Page 2 of 4

## Section 5 - Fire Fighting Measures

**Danger characteristic:** It is apt to flame under the condition of fire.

**Hazardous combustion products:** CO, CO<sub>2</sub>

**Fire-Fighting method & media:** The staff must equip with filter mask (full mask) or isolated breathing apparatus. The staff must wear the clothes which can defense the fire and the toxic gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray hazy water on the containers in the fireplace to keep them cool until finish extinguishment. Media: hazy water, foam, powder, CO<sub>2</sub>, sandy clay.

## Section 6 –Accidental Release Measures

**Emergency treatment:** Small amount of divulgence: clean off. Massive divulgence: recycle or transport to waste treatment place for handling.

## Section 7 - Handling and Storage

**Handling:** Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear dust respirator, wear work clothes, and wear gloves. Avoid produce dust. Avoid contacting with strong base. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling.

**Storage:** Keep the sample in the cool and well-ventilated place. Keep separately from strong base, no mixing storage. Equip with relevant types and quantities of the extinguishment instruments. The storage place should be equipped with suitable shelter materials for divulgence handling.

## Section 8 - Exposure Controls and Personal Protection

**Maximum admissible concentration:**

| Chemical Name    | PC-TWA (GBZ 2.1 – 2007) | PC-TWA (GBZ 2.1 – 2007) |
|------------------|-------------------------|-------------------------|
|                  | Total dust              | Respirable dust         |
| Amorphous Silica | 8mg/m <sub>3</sub>      | ---                     |

**Monitoring Method:** None

**Engineering Control:** Supply with sufficient partial air exhaust.

**Respiratory Protection:** No special protection under normal use.

**Eyes Protection:** Wear goggles.

**Body Protection:** Wear work clothes

**Hands Protection:** Wear gloves

**Other Protections:** No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

## Section 9 - Physical and Chemical Properties

**Appearance:** Powder

**Odour:** Odourless

**Colour:** Black

**Melting point/range:** 136°C

**Density:** 0.62g/cm<sub>3</sub>

**Chemical Uses:** Use for the replacement of printer and the copier cartridges

# SDS

Page 3 of 4

**Solubility:** Easy bibulous

## Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure

**Distribution of Ban:** Strong base

**Conditions to Avoid:** Fire, heating source

**Hazardous Polymerization:** No known significant effects or critical hazards.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 - Toxicological Information

**Acute Toxicity:** No known significant effects or critical hazards.

**Sub-acute and Chronic Toxicity:** No known significant effects or critical hazards.

**Irritation:** No known significant effects or critical hazards.

**Sensitization:** No known significant effects or critical hazards.

**Mutagenicity: AMES test:** Negative

**Carcinogenicity:** No known significant effects or critical hazards.

## Section 12 - Ecological Information

**Eco-toxicity:** No known significant effects or critical hazards.

**Biodegradable:** No applicable.

**Non-biodegradable:** No applicable.

**Bioconcentration or biological accumulation:** No applicable.

**Other harmful effects:** No known significant effects or critical hazards.

## Section 13 - Disposal Considerations

**Nature of waste:** This product is not regarded as hazardous waste, as defined by Regulation (EC) No. 1272/2008.

**Waste disposal methods:** Refer to National or Local regulations before handling.

**Attention abandoned:** None

## Section 14 - Transport Information

**Category of dangerous goods:** No applicable.

**UN Number:** No applicable.

**Packaging Mark:** No data.

**Packaging Method:** No data.

**Transport Attentions:** Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with strong base, water and so on. The transport ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport should prevent exposure, rain and high temperature. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. The sample is not regulated

# SDS

Page 4 of 4

for transport of dangerous goods.

## Section 15 - Regulatory Information

### Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

## Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

**Model 101 Printer Toner**