

# Safety Data Sheet

According to Regulation (EC) No 1907/2006 and REGULATION (EC) No 1272/2008

Date of preparation: 28/01/2016

Revision number: 3.0

Date of revision: 03/09/2024

## Section 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier:

Identification on the label/Trade name:C-117(K)

Additional identification:Nanoform is not covered by this SDS.

UFI:Not yet assigned

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

1.2.1 Identified uses:TONER FOR LASER PRINTER.

1.2.2 Uses advised against:Not available.

### 1.3 Details of the supplier of the safety data sheet:

Supplier(Manufacturer):Zhuhai Ninestar Information Technology Co., LTD

Address:No.3883,Zhuhai Avenue, Xiangzhou District Zhuhai, Guangdong P.R. China

Contact person(E-mail):info.ggimage.com

Telephone:(0086)-756-8539188

Fax:-

### 1.4 Emergency telephone Number: +44 1189238800

## Section 2 Hazards identification

### 2.1 Classification of the substance or mixture:

#### 2.1.1 Classification of the mixture:

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

### 2.2 Label elements:

Hazard pictogram(s): Not required

Signal word: Not required

Hazard statement(s): Not required

Precautionary statement(s): Not required

Supplemental Hazard information (EU): Not required

### 2.3 Other hazards:

The mixture does not contain PBT/vPvB substance.

The mixture does not contain endocrine disruptor.

## Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

### Ingredient(s):

| Chemical Name    | CAS No.     | EC No.    | Concentration | Classification                         | Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE) |
|------------------|-------------|-----------|---------------|--|--|
| Polyester        | 148556-68-7 | 604-640-7 | 80-90%        | Not Classified                         | -  |
| Carbon black     | 1333-86-4   | 215-609-9 | 5-10%         | Not Classified                         | -  |
| Wax              | 61682-73-3  | 262-895-6 | 1-5%          | Not Classified                         | -  |
| Silica           | 7631-86-9   | 231-545-4 | 1-5%          | STOT RE 2,H373<br>(lungs) (inhalation) | -  |
| Titanium dioxide | 13463-67-7  | 236-675-5 | <1%           | Carc. 2, H351<br>(inhalation)          | -  |

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## 4 First aid measures

### 4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

#### 4.1.1 In case of inhalation:

Move the victim to ventilate place. Such as medical problems, such as dizziness, nausea, etc., please seek help from a doctor immediately.

#### 4.1.2 In case of skin contact:

Take off the contaminated clothing, Wash the skin with soap and water, ask the doctor for advice.

#### 4.1.3 In case of eyes contact:

Mention eyelid, Irrigate with flowing water or normal saline for 15 minutes, seek medical attention.

#### 4.1.4 In case of ingestion:

Rinse mouth with water, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Symptomatic treatment.

## 5 Firefighting measures

### 5.1 Extinguishing media:

**Suitable extinguishing media:** Water / Foam / Dry Chemical/CO<sub>2</sub>.

**Unsuitable extinguishing media:** Not available.

### 5.2 Special hazards arising from the substance or mixture:

The following can be given off in a fire: CO、CO<sub>2</sub>、NO<sub>x</sub>

### 5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## Section 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

#### 6.1.1 For non-emergency personnel:

Isolate the pollution area, Set up warning signs, Suggest wearing a mask, wear overalls, protective gloves, sweeping up carefully and avoid dust, recycling.

#### 6.1.2 For emergency responders:

Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details.

### 6.2 Environmental precautions:

Avoid disposing into drainage/sewer system or directly into the aquatic environment. Keeping away from drains, surface-and ground-water and soil.

### 6.3 Methods and material for containment and cleaning up:

Sweep up or clean up with a vacuum cleaner. Combined with the local laws and regulations for processing.

### 6.4 Reference to other sections:

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

## Section 7 Handling and storage

### 7.1 Precautions for safe handling:

#### 7.1.1 Protective measures:

Wear dust masks and protective gloves. Provide appropriate ventilation equipment . Have general fire protection measures.

#### 7.1.2 Advice on general occupational hygiene:

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Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

## 7.2 Conditions for safe storage, including any incompatibilities:

Stored in shady and cool place, dry and ventilated, avoid direct sunlight, control the storage temperature under 35°C.  
Container holding closed.

## 7.3 Specific end use(s):

Not available.

## Section 8 Exposure controls/personal protection

### 8.1 Control parameters:

#### 8.1.1 Occupational exposure limits:

| Chemical name | China   | Japan   | ACGIH TLV                                   | OSHA PEL                   |
|---------------|---|---|---|----------------------------|
| Carbon black  | TWA: 4 mg/m <sup>3</sup> total dust<br>STEL: 8 mg/m <sup>3</sup> total dust | 4 mg/m <sup>3</sup> (Class 2 Dust, total dust)<br>1 mg/m <sup>3</sup> (Class 2 Dust, respirable dust) | TWA: 3 mg/m <sup>3</sup> inhalable fraction | TWA: 3.5 mg/m <sup>3</sup> |

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

### 8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Use adequate ventilation to keep airborne concentrations low.

#### 8.2.2 Individual protection measures, such as personal protective equipment:

·Eye/face protection: Not normally required.

·Skin protection

Hand protection: Protective Gloves.

Body protection: Electrostatic suit.

·Respiratory protection: Dust respirator.

·Thermal hazards: Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls: Avoid discharge into the environment. Dispose of rinse water in accordance with local and national regulations

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

|  |                     |
|--|---------------------|
| Physical state:  | Solid powder        |
| Colour:  | Black               |
| Odour:   | Slight              |
| Odour threshold:   | Not available       |
| pH:  | Not available       |
| Melting point/freezing point (°C):                             | Not available       |
| Boiling point or initial boiling point and boiling range (°C): | No data available   |
| Flash point (°C):  | Not available       |
| Evaporation rate:  | Not available       |
| Flammability limit - lower (%):                                | Not available       |
| Flammability (gas, liquid, solid):                             | Not available       |
| Ignition temperature (°C):                                     | Not available       |
| Lower and upper explosion limit:                               | Not available       |
| Vapour pressure (20°C):  | Not available       |
| Relative vapour density:                                       | Not available       |
| Relative Density (g/cm <sup>3</sup> ):                         | Not available       |
| Bulk density (kg/m <sup>3</sup> ):                             | 1.1-1.3             |
| Solubility in water (g/l, 20°C):                               | Immiscible in water |

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|   |                   |
|---|-------------------|
| Solubility in other polar and non-polar solvents (g/l, 20°C): | Not available     |
| Partition coefficient n-octanol/water(log Po/w, 20°C):        | Not available     |
| Auto-ignition temperature:                                    | Not available     |
| Decomposition temperature:                                    | No data available |
| Kinematic viscosity (mm <sup>2</sup> /s):                     | Not available     |
| Particle characteristics(Particle size D50):                  | 7.5 µm            |
| Explosive properties:   | Not available     |
| Oxidising properties:   | Not available     |

## 9.2. Other information:

|  |               |
|--|---------------|
| Fat solubility(solvent– oil to be specified)etc: | Not available |
| Surface tension:                                 | Not available |
| Dissociation constant in water( pKa):            | Not available |
| Oxidation-reduction Potential:                   | Not available |

## Section 10 Stability and Reactivity

- 10.1 Reactivity: The substance is stable under normal storage and handling conditions.
- 10.2 Chemical stability: Stable at room temperature in closed containers under normal storage and handling conditions.
- 10.3 Possibility of hazardous reactions: No dangerous reactions known.
- 10.4 Conditions to avoid: Incompatible materials. Decomposition temperature:>200°C
- 10.5 Incompatible materials: Strong oxidant.
- 10.6 Hazardous decomposition products: CO,CO<sub>2</sub>, NO<sub>x</sub>

## Section 11 Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

#### ·Acute toxicity:

|   |                              |
|---|------------------------------|
| LD/LC50 values relevant for classification: |                              |
| CAS no.1333-86-4 Carbon black               |                              |
| LD50(Oral, Rat):                            | > 2000 mg/kg bw              |
| LD50(Dermal, Rabbit):                       | > 2000 mg/kg bw              |
| LC50(Inhalation, Rat):                      | >4.6 mg/m <sup>3</sup> , air |
| CAS no.7631-86-9 Silica                     |                              |
| LD50(Oral, Rat):                            | > 5000 mg/kg bw              |

|                                     |  |
|-------------------------------------|--|
| ·Skin corrosion/irritation:         | Not classified   |
| ·Serious eye damage/irritation:     | Not classified   |
| ·Respiratory or skin sensitization: | Not classified   |
| ·Germ cell mutagenicity:            | Ames test (Salmonella typhimurium, Escherichia coli) negative. (a similar product) |
| ·Carcinogenicity:                   | Not classified   |
| ·Reproductive toxicity:             | Not classified   |
| ·STOT- single exposure:             | Not classified   |
| ·STOT-repeated exposure:            | Not classified   |
| ·Aspiration hazard:                 | Not classified   |

### 11.2 Information on other hazards

|                                  |   |
|----------------------------------|---|
| Endocrine disrupting properties: | The mixture does not contain endocrine disruptor. |
| Other information:               | Not applicable                                    |

## Section 12 Ecological information

- 12.1 Toxicity: Not available
- 12.2 Persistence and degradability: Not available.

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- 12.3 Bioaccumulative potential:** Not available.
- 12.4 Mobility in soil:** This product can not be discharged into the sewer and water, and optionally.
- 12.5 Results of PBT and vPvB assessment:** The mixture does not contain PBT / vPvB substance.
- 12.6 Endocrine disrupting properties:** The mixture does not contain endocrine disruptor.
- 12.7 Other adverse effects:** Not available.

## Section 13 Disposal considerations

### 13.1 Waste treatment methods:

#### 13.1.1 Product / Packaging disposal

Dispose it in a licensed facility. Recommend crushing or other means to prevent non-authorized reuse.

#### 13.1.2 Waste treatment-relevant information

Incinerate or bury in a licensed facility.

#### 13.1.3 Sewage disposal-relevant information

Do not discharge into waterways or sewer systems without proper authority

#### 13.1.4 Other disposal recommendations

None

## Section 14 Transport Information

|   | Land transport (ADR/RID) | Inland waterways (ADN) | Sea transport (IMDG) | Air transport (ICAO/IATA) |
|---|--------------------------|------------------------|----------------------|---------------------------|
| <b>14.1 UN number or ID number</b>                                  | Not regulated            | Not regulated          | Not regulated        | Not regulated             |
| <b>14.2 UN proper shipping name</b>                                 | Not regulated            | Not regulated          | Not regulated        | Not regulated             |
| <b>14.3 Transport hazard class(es)</b>                              | Not regulated            | Not regulated          | Not regulated        | Not regulated             |
| <b>14.4 Packing group</b>   | Not regulated            | Not regulated          | Not regulated        | Not regulated             |
| <b>14.5 Environmental hazards</b>                                   | No                       | No                     | No                   | No                        |
| <b>14.6 Special precautions for user</b>                            | See section 2.2          | See section 2.2        | See section 2.2      | See section 2.2           |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not regulated            | Not regulated          | Not regulated        | Not regulated             |

## Section 15 Regulatory information

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

**Relevant information regarding authorization:** Not applicable.

**Relevant information regarding restriction:** Not applicable.

**Other EU regulations:** Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

**Other National regulations:** Not applicable

**15.2 Chemical Safety Assessment** No

## Section 16 Other information

### 16.1 Indication of changes:

Version 3.0 Amended by (EU) 2020/878, (EU) 2023/707

### 16.2 Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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IMDG: Code international maritime dangerous goods code

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

UFI: Unique Formula Identifier

LC50: median lethal concentration

EC50: The effective concentration of substance that causes 50% of the maximum response.

NOEC: No Observed Effect Concentration

DNEL: derived no-effect level

PNEC: predicted no-effect concentration

## 16.3 Key literature references and sources for data

ECHA Registered substances data

## 16.4 Training instructions:

Not applicable.

## 16.5 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

## 16.6 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.