

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 12/15/2016

Reviewed on 09/20/2016

**1 Identification of the Substance/Mixture and of the Company/Undertaking**

- **Product identifier**
- **Trade name:** \*Cyan Toner for use in the HP 4600/4610/4650 Canon LBP-2510, 5500 Printers
- **Article number:** TRHP46-C
- **Application of the substance / the mixture** Printing inks
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Static Control Components Inc.  
P.O. Box 152  
Sanford, North Carolina, 27331  
info@scc-inc.com
- **Information department:** Product Safety Department
- **Emergency telephone number:**  
During Normal Operating Hours: 919-774-3808  
Emergency Telephone Number: 1-919-770-7984 or 1-919-770-6019

**2 Hazards Identification**

- **Classification of the substance or mixture**  
Combustible Dust May form combustible dust concentrations in air.
- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** Void
- **Signal word** Warning
- **Hazard statements**  
May form combustible dust concentrations in air.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**  
 Health = 1  
Fire = 1  
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**  

HEALTH	1	Health = 1
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**3 Composition/Information on Ingredients**

- **Chemical characterization:** Mixtures
- **Description:** Resin mixture

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· **Dangerous components:** Void

· **Non-hazardous components**

292629-36-8	Resin	50-100%
9002-88-4	Wax	10-25%
147-14-8	Phthalocyanine Blue	2.5-10%

### 4 First Aid Measures

· **Description of first aid measures**

· **General information:** No special measures required.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Drink copious amounts of water and provide fresh air. Immediately call a doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Firefighting Measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

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

· **For safety reasons unsuitable extinguishing agents:** No Information Available

· **Special hazards arising from the substance or mixture**

Like most finely divided organic powders, toner dust may form an explosive mixture in air.

· **Advice for firefighters**

· **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **Environmental precautions:** No special measures required.

· **Methods and material for containment and cleaning up:**

Vacuum or sweep the material into a sealed container. If a vacuum is used it must be dust explosion-proof. Dispose of in compliance with national, state, regional or provincial regulations.

· **Reference to other sections**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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**7 Handling and Storage**

- **Handling:**
- **Precautions for safe handling**
  - No special measures required.
  - Store in cool, dry place in tightly closed receptacles.
  - Keep away from heat and direct sunlight.
  - No special precautions are necessary if used correctly.
  - Use only in well ventilated areas.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
  - Store in a cool location.
  - Store only in the original receptacle.
- **Information about storage in one common storage facility:**
  - Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
  - Store in cool, dry conditions in well sealed receptacles.
  - Protect from heat and direct sunlight.
  - Protect from humidity and water.
- **Specific end use(s)** No further relevant information available.

**8 Exposure Controls/Personal Protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional Occupational Exposure Limit Values for possible hazards during processing:**
  - USA OSHA (TWA/PEL): 15 mg/m<sup>3</sup> (Total Dust), 5 mg/m<sup>3</sup> (Respirable Fraction)
  - ACGIH (TWA/TLV): 10 mg/m<sup>3</sup> (Inhalable Particulate), 3 mg/m<sup>3</sup> (Respirable Particulate)
  - Amorphous Silica: USA OSHA (TWA/PEL): 20mppcf 80 mg/m<sup>3</sup>, ACGIH (TWA/TLV): 10 mg/m<sup>3</sup>
  - TRGS 900 (Luftgrenzwert): 10 mg/m<sup>3</sup> (Einatembare partikel)), 3 mg/m<sup>3</sup> (Alveolengängige fraktion)
  - UK WEL: 10 mg/m<sup>3</sup> (Respirable Dust) 5 mg/m<sup>3</sup> (Inhalible Dust)
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Wash hands before breaks and at the end of work.

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Do not inhale dust / smoke / mist.

- **Protection of hands:**

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:** Safety glasses

### 9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

<b>Form:</b>	Powder
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<b>Color:</b>	Blue
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- **Odor:** Odorless

- **Odor threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
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<b>Boiling point/Boiling range:</b>	Undetermined.
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- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not determined.

- **Ignition temperature:**

<b>Decomposition temperature:</b>	Not determined.
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- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard in its original state.

- **Explosion limits:**

<b>Lower:</b>	0.0 Vol %
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<b>Upper:</b>	0.0 Vol %
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- **Vapor pressure:** Not applicable.

- **Density at 20 °C (68 °F):** 1.3 g/cm<sup>3</sup> (10.849 lbs/gal)

SG: 1.3-1.8

- **Relative density** Not determined.

- **Vapor density** Not applicable.

- **Evaporation rate** Not applicable.

- **Solubility in / Miscibility with**

<b>Water:</b>	Insoluble.
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- **Partition coefficient (n-octanol/water):** Not determined.

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- |                            |  |
|----------------------------|--|
| <b>· Viscosity:</b>        |  |
| <b>Dynamic:</b>            | Not applicable.                            |
| <b>Kinematic:</b>          | Not applicable.                            |
| <b>· Solvent content:</b>  |  |
| <b>Organic solvents:</b>   | 0.0 %                                      |
| <b>VOC content:</b>        | 0.0 g/l / 0.00 lb/gl                       |
| <b>· Other information</b> | No further relevant information available. |

### 10 Stability and Reactivity

- **Reactivity** Non reactive.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No toxic irritating effect, according to Directive 67/548/EEC or Directive 199/45/EC.
- **on the eye:** No toxic irritating effect, according to Directive 67/548/EEC or Directive 199/45/EC.
- **Sensitization:** No toxic sensitizing effects known, according to EU Directive 67/548/EEC or Directive 199/45/EC.
- **Other information (about experimental toxicology):**  
Mutagenicity : Ames test Negative (According to the test result of similar composition.)
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**

<b>· IARC (International Agency for Research on Cancer)</b>	
9002-88-4 Wax	3

<b>· NTP (National Toxicology Program)</b>
None of the ingredients is listed.

<b>· OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
None of the ingredients is listed.

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### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal Considerations

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

### 14 Transport Information

· <b>UN-Number</b>	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA.
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA.
· <b>DOT, ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Packing group</b>	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA.
· <b>DOT, ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL/73/78 and the IBC Code</b>	Not applicable.

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· UN "Model Regulation": Void

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

No further relevant information available.

· **Sara**· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

147-14-8 | Phthalocyanine Blue

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).· **Hazard pictograms** Void· **Signal word** Warning· **Hazard statements**

May form combustible dust concentrations in air.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other Information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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- **Date of preparation / last revision** 12/15/2016 / -

- **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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

- **\* Data compared to the previous version altered.**

No changes to the Material Safety Data Sheet, all sections are current as the date of print seen above describes.