

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


Printing date 07/06/2016

Reviewed on 03/02/2016

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

- **Product identifier**
- **Trade name:** Odyssey toner for use in Lexmark CS & CX Series
- **Article number:** LCS-KOS2
- **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
FIRE	1
REACTIVITY	0

 Health = 1  
Fire = 1  
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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<b>· Dangerous components:</b>		
1333-86-4	Carbon black (bound)	2.5-10%
<b>· Non-hazardous components</b>		
292629-36-8	Resin	50-100%
9002-88-4	Wax	2.5-10%
112945-52-5	Silicon Dioxide	≤ 2.5%

**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:** Do not allow to enter sewers/ surface or ground water.
- **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**  
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:****1333-86-4 Carbon black (bound)**

PEL	Long-term value: 3.5 mg/m <sup>3</sup>
REL	Long-term value: 3.5* mg/m <sup>3</sup> *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m <sup>3</sup> *inhalable fraction

**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)

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- **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.  
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

- |                                                                                                   |                   |
|---------------------------------------------------------------------------------------------------|-------------------|
| · <b>Information on basic physical and chemical properties</b>                                    |                   |
| · <b>General Information</b>                                                                      |                   |
| · <b>Appearance:</b>                                                                              |                   |
| <b>Form:</b>                                                                                      | Powder            |
| <b>Color:</b>                                                                                     | Black             |
| · <b>Odor:</b> Odorless                                                                           |                   |
| · <b>Odor threshold:</b> Not determined.                                                          |                   |
| · <b>pH-value:</b> Not applicable.                                                                |                   |
| · <b>Change in condition</b>                                                                      |                   |
| <b>Melting point/Melting range:</b>                                                               | Undetermined.     |
| <b>Boiling point/Boiling range:</b>                                                               | 3001 °C (5434 °F) |
| · <b>Flash point:</b> Not applicable.                                                             |                   |
| · <b>Flammability (solid, gaseous):</b> Not determined.                                           |                   |
| · <b>Ignition temperature:</b>                                                                    |                   |
| <b>Decomposition temperature:</b>                                                                 | Not determined.   |
| · <b>Auto igniting:</b> Product is not selfigniting.                                              |                   |
| · <b>Danger of explosion:</b> Product does not present an explosion hazard in its original state. |                   |
| · <b>Explosion limits:</b>                                                                        |                   |
| <b>Lower:</b>                                                                                     | Not determined.   |
| <b>Upper:</b>                                                                                     | Not determined.   |
| · <b>Vapor pressure:</b> Not applicable.                                                          |                   |
| · <b>Density at 20 °C (68 °F):</b> 1.2 g/cm <sup>3</sup> (10.014 lbs/gal)<br>SG: 1.3-1.8          |                   |
| · <b>Relative density</b> Not determined.                                                         |                   |
| · <b>Vapor density</b> Not applicable.                                                            |                   |

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· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with Water:</b>	Insoluble.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b> <b>Dynamic:</b> <b>Kinematic:</b>	Not applicable. Not applicable.
· <b>Solvent content:</b> <b>Organic solvents:</b> <b>VOC content:</b>	0.0 % 0.0 g/l / 0.00 lb/gl
· <b>Solids content:</b>	100.0 %
· <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
1333-86-4	Carbon black (bound)	2B

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**· NTP (National Toxicology Program)**

None of the ingredients is listed.

**· OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**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:**

Water hazard class 1 (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.

**· 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

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· <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 MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	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):**

None of the ingredients is listed.

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

All ingredients are listed.

#### · **Proposition 65**

##### · **Chemicals known to cause cancer:**

1333-86-4 Carbon black (bound)

##### · **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)**

1333-86-4 Carbon black (bound)

A4

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

1333-86-4 Carbon black (bound)

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms** Void

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- **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.

- **Department issuing SDS:** Product safety department
- **Contact:**  
During Normal Operating Hours: 919-774-3808  
Emergency Telephone Number: 1-919-770-7984 or 1-919-770-6019
- **Date of preparation / last revision** 07/06/2016 / -
- **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.