



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PART NO** DELL1320KFGW  
**PRODUCT DESCRIPTION** CART FG DELL 1320 BLACK 2K WITH WHITE BOX, COMPATIBLE REPLACEMENT CARTRIDGE, 50 gm  
**SUPPLIER** Future Graphics Imaging Corporation  
1175 Aviation Place  
San Fernando, CA 91340  
TEL 818 / 837-8100  
**EMERGENCY TELEPHONE** Future Graphics Imaging Corporation 818 / 837-8100, 800 / 394-9900

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Ingredients

CAS-No.	Material	wt% range
58048-89-8	Styrene-acrylic resin	>79.9
1333-86-4	Organic pigment	<5
16283-36-6	Charge control agent	<5
68611-44-9	Silica	<5
64742-51-4	Paraffin wax	<5
13463-67-7	Titanium dioxide	<0.1

### 3. HAZARDS IDENTIFICATION

- 3.1 For human: None  
3.2 For the environment: None  
3.3 For materials: None

### 4. FIRST AID MEASURES

- 4.1 Inhalation: May cause irritation, chest pain and difficulty in breathing.  
Remove patient from exposure  
4.2 Skin contact: Wash with soap and water.  
4.3 Eye contact: Rinse thoroughly with plenty of water.  
4.4 Ingestion: Dilute stomach contents with several glasses of water.

### 5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media: Water spray, CO<sup>2</sup> Dry chemical  
5.2 Extinguishing media to avoid: Full water jet

- 5.3 Fire and explosion hazards: Risk of toxic pyrolysis products  
 5.4 Protective equipments: Use breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precaution measures: None  
 6.2 Vacuum or sweep the material into a sealed container  
 6.3 Further information: None

## 7. HANDLING AND STORAGE

- 7.1 Handling precautions  
 7.1.1 For safe handling: Take precautionary measures against static discharges.  
 7.1.2 In case of fire and explosion: Avoid raising dust.  
 7.2. Storage  
 7.2.1 Storage instructions: Store in a cool, dry and ventilated place.  
 7.2.2 Storage apart from: Water and incompatible substances  
 7.2.3 Storage class: N/A

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure limits  
 USA OSHA (Permissible Exposure Limits, PEL): 15mg/m<sup>3</sup> total dust  
 8.2 Personal protection  
 8.2.1 General protection and hygiene: Do not inhale dust  
 8.2.2 Respiratory protection: Must wear dust-resistant safety mask.  
 8.2.3 Hand protection: Not required  
 8.2.4 Eye protection: Must wear dust-resistant safety goggles.  
 8.2.5 Skin protection: Not required.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: Powder  
 9.2 Color: Black  
 9.3 Odor: Odorless  
 9.4 Safety relevant data  
 • Softening temperature: 50-100 °C  
 • Flash point: N/A  
 • Flammability: N/A  
 • Ignition temperature: >400°C  
 • Autoflammability: N/A  
 • Explosion limits: N/A  
 • Thermal decomposition: >270°C



#### 9.5 Other data

- Density: 350 kg/m<sup>3</sup>
- Solubility: Insoluble in water, partially soluble in THF
- Vapor pressure: N/A

### 10. STABILITY AND REACTIVITY

- 10.1 Stability: Stable
- 10.2 Conditions to avoid: See under item 7
- 10.3 Materials to avoid: Water and incompatible materials
- 10.4 Hazardous decomposition products: CO<sub>2</sub> and possibly toxic chemicals
- 10.5 Hazardous polymerization: Will not occur.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 Acute health effects

- Inhalation: Dust may cause irritation in the respiratory system.
  - Ingestion: No data available
  - Eye Contact: Dust may cause eye irritation with redness and pain.
  - Skin contact: No data available
- 11.2 Other toxicological information
- Ames test Negative

### 12. ECOLOGICAL INFORMATION

No data are available as to its effects on the environment.

### 13. DISPOSAL CONSIDERATIONS

The waste should be considered as plastic waste.

Disposal should be subjected to national (local) regulations.

### 14. TRANSPORT INFORMATION

#### 14.1 International transport information

- U.N. No. Not required
- Hazard class Not required
- Packing class Not required

Note: Follow all regulations in federal, state or local government

### 15. REGULATORY INFORMATION

No labeling is required.

Note: Follow all regulations in federal, state or local government



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## **16. OTHER INFORMATION**

This information is believed to be true and accurate. It represents the best information currently available to us. We make no warranty, expressed or implied with regard to such information. We make no liability resulting from its use. Users should make their own investigations to determine the suitability for their particular purposes.

**REVISION DATE: 2009-01-31**

**SAFETY DATA SHEET STATUS: 2009-01-31**