

# MSDS

## Material Safety Data Sheet Reprographic Systems & Media Supplies Ltd

### CM80009000INKG - Inkjet Pigment Green

MSDS Number: CM80009000INKG

Revision Date: March 6, 2006

#### PRODUCT AND COMPANY IDENTIFICATION

##### **Manufacturer**

Reprographic Systems & Media Supplies Ltd  
Unit 4, Park Road  
Pleshey, Chelmsford  
Essex, CM3 1JA, UK

**Contact:** Simon Lance

**Telephone Number:** +44 (0)1245 237177

**FAX Number:** +44 (0)1245 237178

**E-Mail:** info@reprographicsystems.co.uk

**Product Name:** CM80009000INKG - Inkjet Pigment Green  
**Revision Date:** March 6, 2006  
**MSDS Number:** CM80009000INKG  
**Product Use:** Inkjet Desktop Printers & Plotters

#### HAZARDS IDENTIFICATION

**Route of Entry:** Potential routes of exposure to this product are skin and eye contact, ingestion and inhalation.

**Target Organs:** None known

**Inhalation:** Inhalation is an unlikely route of exposure for this product due to physical properties.

**Skin Contact:** Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

**Eye Contact:** Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

**Ingestion:** Ingestion may cause diarrhea or gastrointestinal irritation.

HMS II-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

HMS III-ratings (scale 0-4): Health = 1, Fire = 0, Physical Hazard = 0

NFPA-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

#### COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas #       | Chemical Name     | Perc.  |
|-------------|-------------------|--------|
| 7732-18-5   | Water             | 50-80% |
| Proprietary | Mixed Pigments    | 1-10%  |
| 111-46-6    | Diethylene Glycol | 15-45% |

#### FIRST AID MEASURES

**Inhalation:** Inhalation is an unlikely route of exposure for this product. If irritation or other symptoms occur, remove to fresh air. Get medical attention if irritation persists.

**Skin Contact:**

Wash affected areas with soap and water. Remove contaminated clothing. Get medical attention if

# MSDS

## Material Safety Data Sheet

Revision Date: March 6, 2006

**Eye Contact:** irritation persists.  
Flush with plenty of water for 15 minutes, especially under eyelids. Get medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Consult a physician or poison control center immediately.

### **FIRE FIGHTING MEASURES**

**Flash Point:** >360 F (COC)  
**Autoignition Temperature:** N/D F N/D C  
**LEL:** N/D  
**UEL:** N/D

Flammability Limits: Not applicable

Extinguishing Media: Foam, alcohol foam, CO2, dry chemical

Special Fire Fighting Procedures: Fight as volatile fire. Closed containers may explode when exposed to extreme heat. Keep away from areas exposed to fire.

Unusual Fire and Explosion Hazards: Keep containers closed tightly and store in a cool dry place when not in use. If soaked rags are not placed in containers half-filled with water, this material could cause spontaneous combustion.

Hazardous Decomposition Products: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

# MSDS

## Material Safety Data Sheet

Revision Date: March 6, 2006

### ACCIDENTAL RELEASE MEASURES

**Small Spill:** Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.

Wearing the appropriate personal protective equipment designated in Section 8, move the leaking container to a containment area or rotate the container so that the opening is above the liquid level.

Absorb on diatomaceous earth or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility according to current applicable laws and regulations, and product characteristics at time of disposal.

**Large Spill:** Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.

Wearing the appropriate personal protective equipment designated in Section 8, close or cap valves and/or block or plug hole in leaking container and transfer to another container.

Contain material as described above and call the local fire or police department for immediate emergency assistance.

#### Environmental Precautions:

**Water Spill:** Use appropriate containment to avoid runoff or release to sewer or waterways.

**Land Spill:** Use appropriate containment to avoid runoff or release to ground.

**Release Notes:** If spill could potentially enter any waterway, including intermittent dry creeks, contact the local authorities. If in the U.S., contact the US Coast Guard National Response Center toll free 800-424-8802.

In case of accident or road spill notify:  
CHEMTREC in USA at 800-424-9300

**Comments:** See Section 13 for disposal information and Section 15 for regulatory requirements. Large and small spills may have a broad definition depending on the user's handling system. Therefore, the spill category must be defined at the point of release by technically qualified personnel.

### HANDLING AND STORAGE

**Handling Precautions:** Handling: Avoid eye and skin contact.

**Storage Requirements:** Do not store near open flame or sources of ignition. Do not store in high temperature storage. In case of fire, remove closed containers from areas exposed to the fire. Empty containers usually still hold residues of material and vapors. These must be considered hazardous and disposed of in accordance with proper handling procedures prescribed for hazardous chemicals.

# MSDS

## Material Safety Data Sheet

Revision Date: March 6, 2006

### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** If dust, vapors, or mists are generated, provide local exhaust ventilation to control airborne levels below exposure limit. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

**Protective Equipment:** HMIS PP, C | Goggles, Gloves, Apron  
Ventilation: General ventilation should be adequate for normal use. Use adequate mechanical (general and/or local) ventilation to maintain exposure levels below the exposure limits.

Respiratory Protection: None is required if adequate general ventilation is provided, If the exposure limits are exceeded use NIOSH/MSHA approved organic vapor and mist, supplied air or self contained breathing apparatus.

Skin Protection: Protective clothing to protect against splashing of liquids onto skin. Neoprene, Buna N, or polyethylene gloves should be worn to prevent prolonged contact.

Eye Protection: Use chemical splash goggles or other OSHA permitted safety glasses, if splashes are possible.

Other Protective Equipment: None normally required.

**Exposure Guidelines/Other:** **Work Hygienic Practices:** Facilities storing or using this material should be equipped with an eyewash facility and/or a safety shower. Good personal hygiene practices should always be followed.

### PHYSICAL AND CHEMICAL PROPERTIES

|                        |                  |                              |                |
|------------------------|------------------|------------------------------|----------------|
| <b>Appearance:</b>     | Colored Liquid   | <b>Boiling Point:</b>        | >212 F         |
| <b>Physical State:</b> | Liquid           | <b>Freezing/Melting Pt.:</b> | <32 F          |
| <b>Odor:</b>           | Mild, Musty      | <b>Solubility:</b>           | Water Soluable |
| <b>pH:</b>             | Not applicable   | <b>Spec Grav./Density:</b>   | 1.0 - 1.05     |
| <b>Vapor Pressure:</b> | Not applicable   |                              |                |
| <b>Vapor Density:</b>  | Heavier than air |                              |                |

### STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition and fire. Avoid strong acids or alkalis. Avoid long term contact with water.

**Materials to avoid (incompatibility):** Strong oxidizers

**Hazardous Decomposition products:** May form carbon dioxide and/or carbon monoxide

**Hazardous Polymerization:** Will not occur.

# **MSDS**

## ***Material Safety Data Sheet***

Revision Date: March 6, 2006

### **TOXICOLOGICAL INFORMATION**

The ink formulation has not been tested.  
Refer to Section 3 for potential health effects and Section 4 for first aid measures.

### **ECOLOGICAL INFORMATION**

This product has not been tested for ecological effects.

### **DISPOSAL CONSIDERATIONS**

Disposal Method: Dispose of waste at an appropriate waste facility according to current applicable laws and regulations.

For Large Spills: Contain material and call local authorities for emergency assistance. In consultation with the appropriate authorities, determine the disposal method.

Product Disposal: Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

Empty Container: Rinse drums with a suitable solvent and steam to remove vapors before disposal or reuse in accordance with applicable regulations.

General Comment: Refer to Section 6, Accidental Release Measures for additional information.

### **TRANSPORT INFORMATION**

Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID

Proper Shipping Name: Not applicable

Technical Name: Not applicable

UN Number: Not applicable

Hazard Class/Packing Group: Not applicable

Labels Required: None

# **MSDS**

## **Material Safety Data Sheet**

Revision Date: March 6, 2006

### **REGULATORY INFORMATION**

EPA SARA 311 Hazard Classification: Acute health

EPA SARA 313 Chemicals: These products contain the following chemicals listed under SARA 313, however, would normally be covered by the article exemption and not subject to reporting: None

Hazardous Substance (40CFR 116) CERCLA: None

Reportable Quantity: Not applicable

EPA Toxic Substances Control Act (TSCA) Status: All the components of this product are listed on the TSCA inventory.

### **REGULATORY KEY DESCRIPTIONS**

-----  
APP9 = Appendix 9  
CERCLA = Superfund clean up substance  
EPCRAWPC = EPCRA Water Priority Chemicals  
HAP = Hazardous Air Pollutants  
HWRRCRA = RCRA Hazardous Wastes  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
NRC = Nationally Recognized Carcinogens  
OSHAHTS = OSHA Hazardous and Toxic Substances  
OSHAWAC = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
PRIPOL = Clean Water Act Priority Pollutants  
PROP65 = CA Prop 65  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICPOL = Clean Water Act Toxic Pollutants  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
TXHWL = TX Hazardous Waste List

# MSDS

## Material Safety Data Sheet

Revision Date: March 6, 2006

### OTHER INFORMATION

**Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

**Explanation of abbreviations:**

|        |   |
|--------|---|
| ACGIH  | American Conference of Government Industrial Hygienists             |
| CAS    | Chemical Abstracts Service  |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CFR    | Code of Federal Regulations   |
| COC    | Cleveland Open Cup  |
| DOT    | Department of Transportation  |
| EPCRA  | Emergency Planning and Community Right-to-Know Act (aka SARA)       |
| IARC   | International Agency for Research on Cancer                         |
| NIOSH  | National Institute for Occupational Safety and Health               |
| NTP    | National Toxicology Program   |
| OSHA   | Occupational Safety and Health Administration                       |
| PEL    | Permissible Exposure Limit  |
| RCRA   | Resource Conservation and Recovery Act                              |
| REC    | Recommended   |
| REL    | Recommended Exposure Limit  |
| SARA   | Superfund Amendments and Reauthorization Act of 1986                |
| STEL   | Short-Term Exposure Limit   |
| TCLP   | Toxicity Characteristics Leaching Procedure                         |
| TLV    | Threshold Limit Value   |
| TSCA   | Toxic Substances Control Act  |
| VOC    | Volatile Organic Compounds  |

**END OF MSDS DOCUMENT**