

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**Product Name:** JET-OPAQUE® II Heat Transfer Paper

**Product Number:** 9754P0

Date Prepared:	6/23/2008
Manufacturer:	Neenah Paper Inc. 3460 Preston Ridge Road Suite 600 Alpharetta, GA 30005
Telephone: MEDICAL EMERGENCY TRANSPORTATION EMERGENCY INFORMATION	1-920-721-1088 Chemtrec 1-800-424-9300 1-800-558-5061

**Product Use:** Inkjet heat transfer product for dark paper.

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<i>Chemical Name</i>	<i>CAS-No./ EINECS-No</i>	<i>%</i>	<i>EU Classification (67/548/EEC):</i>
Cellulose	65996-61-4 / 265-995-8	1-5%	Not applicable
Titanium Dioxide	13463-67-7 / 236-675-5	1-5%	Not applicable
Kaolin	1332-58-7	1-5%	Not applicable
Calcium Carbonate	471-34-1 / 207-439-9	20-40%	Not applicable
Non-Hazardous Ingredients	Proprietary	40-80%	Not applicable

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** White or colored solid. This product is not a hazardous material. Dust may form explosive mixture in air. Inhalation of dust that may be generated from cutting or other processing of product may cause mucous membrane and upper respiratory irritation.

**EU Classification (1999/45/EC):** Not classified as a dangerous substance or preparation.

**US OSHA Classification (29CFR1910.1200):** Not Hazardous

**Canadian WHMIS Classification:** Not a controlled product.

#### 4. FIRST AID MEASURES

**Inhalation:** No first aid should be needed.  
**Skin contact:** No first aid should be needed.  
**Eye contact:** No first aid should be needed.  
**Ingestion:** No first aid should be needed.

#### 5. FIRE-FIGHTING MEASURES

**Flashpoint:** Not applicable  
**Autoignition temperature:** Not available  
**Flammable Limits in Air % by Volume:**  
**LEL (Lower):** Not applicable  
**UEL (Upper):** Not applicable  
**Suitable Extinguishing Media:** Water, water fog, foam, carbon dioxide, dry chemical.  
**Special Fire Fighting Procedures:** In the event of fire, wear self contained breathing apparatus.  
**Unusual Fire and Explosion Hazards:** Dust may form explosive mixture in air.

#### 6. ACCIDENTAL RELEASE MEASURES

Pick up and place in a suitable container for use or disposal. Avoid dust formation.

#### 7. HANDLING AND STORAGE

This product is not a hazardous material. Minimize the generation and accumulation of dust. Store in a dry, well-ventilated area.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit(s)**

Cellulose	10 mg/m <sup>3</sup> TLV-TWA; 15 mg/m <sup>3</sup> PEL-TWA (total dust), 5 mg/m <sup>3</sup> PEL-TWA (respirable dust)
Titanium Dioxide	15 mg/m <sup>3</sup> PEL-TWA (total dust), 10 mg/m <sup>3</sup> TLV-TWA, 1.5 mg/m <sup>3</sup> DFG-MAK (respirable dust)
Kaolin	15 mg/m <sup>3</sup> PEL-TWA (total dust), 5 mg/m <sup>3</sup> PEL-TWA (respirable dust)
Calcium Carbonate	15 mg/m <sup>3</sup> PEL-TWA (total dust), 5 mg/m <sup>3</sup>

	PEL-TWA (respirable dust)
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**Ventilation:** No special ventilation normally required. Provide appropriate exhaust ventilation at places where dust is formed.

**Respiratory Protection:** No personal respiratory protective equipment normally required. If the exposure limit is exceeded or for symptoms of overexposure, wear an appropriate NIOSH (or local authority) certified respirator.

**Protective Gloves:** Not required.

**Eye Protection:** Follow facility requirements.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odor	White or colored solid.
Boiling point/range	Not applicable
Melting point/range	Not applicable
Specific Gravity (water=1)	Not available
Vapor pressure	Not applicable
Vapor density (air=1)	Not applicable
Solubility	Insoluble
pH	Not applicable
Partition coefficient (n-octanol/water):	Not applicable
Evaporation Rate (Butyl acetate=1)	Not applicable
Percent Volatile by Volume (%)	0
Volatile Organic Carbon Compounds (VOC) (g/L)	None.

**10. STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Keep away from open flames, hot surfaces and sources of ignition.

**Materials to avoid:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.

**Hazardous Polymerization:** Does not occur.

**11. TOXICOLOGICAL INFORMATION**

**Symptoms/Effects of Overexposure:**

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**Inhalation:** Inhalation of dust that may be generated from cutting or other processing of product may cause mucous membrane and upper respiratory irritation.

**Skin contact:** None expected.

**Eye contact:** None expected.

**Ingestion:** No unusual hazards expected.

**Chronic toxicity:** Prolonged overexposure to dust may cause lung changes.

**Medical Conditions Aggravated by Exposure:** None currently known.

**Carcinogenicity Data:** Titanium dioxide is classified by IARC as a group 2B carcinogen. The titanium dioxide in this product is bound in a polymer matrix so no exposure occurs during normal use and handling. None of the other components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/48/EEC).

**Reproductive Toxicity:** No adverse effects on reproduction are known.

**Acute Toxicity Values:** Calcium Carbonate: LD50 oral rat 6450 mg/kg

## 12. ECOLOGICAL INFORMATION

No adverse effects on the environment are expected.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all state, local and federal regulations.

## 14. TRANSPORT INFORMATION

**US DOT Shipping Description:** Not regulated

**IATA Shipping Description (Air):** Not regulated

**IMDG Shipping Description (Vessel):** Not regulated

## 15. REGULATORY INFORMATION

### US Regulations

**EPA Toxic Substances Control Act (TSCA):** All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

**SARA 302 Listed Chemicals:** None.

**SARA 311/312 Hazard Categories:** Not applicable

**SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372):** None.

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**California Proposition 65:** This product contains the following chemical known to the State of California to cause cancer and/or reproductive toxicity: This product does not contain chemicals listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

**International Regulations**

**Canadian WHMIS Classification:** Not a controlled product.

**EU Labeling:** Not applicable

<b>16. OTHER INFORMATION</b>
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**HMIS Rating:** Health 0 Fire 1 Reactivity 0

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