

# MATERIAL SAFETY DATA SHEET

Manufacturer: Clarity Imaging Technologies, Inc. Manufactured For:

Address: 460 Totten Pond Road Suite 660  
Waltham, MA 02451

Phone: 781-890-1890



## Product Identification

Product Number: PageMax 10942 - HP 4250

Date Prepared: 10/20/06

Date Reviewed: 10/20/06

## Section II – Composition / Information on ingredients

Ingredient name	CAS number	%	OSHA PEL	ACGIH TLV	Other
			<i>Toner is regulated under OSHA as particulate not otherwise regulated</i>		
Styrene Acrylate copolymer	7732-18-5	40-60%	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Iron Oxide	1309-38-2	30-50%	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Polyolefin	9003-07-0	2-8%	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Dyestuff	31714-55-3	1.5%	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Silica	67762-90-7	<2			

\* N/A : Not Available

## Section III – Hazardous identification

<b>** Toner powder is not accessible, unless the cartridges is forced, or broken into.**</b>
<b>Route(s) of entry : Inhalation</b>
<b>Target organ : N/A</b>
<b>Acute effects : N/A</b>
<b>Inhalation : Minimal respiratory tract irritation may occur with exposure to large amounts of toner dust</b>
<b>Eye : May cause eye irritation</b>
<b>Skin : Unlikely to cause skin irritation</b>
<b>Ingestion : Ingestion is not an applicable route of entry for intended use</b>

# MATERIAL SAFETY DATA SHEET CONTINUED

## Section IV – Fire fighting measures

Flash point method : N/A
LEL : N/A
UEL: N/A
Flammability classification: N/A
Extinguishing media: Water spray, dry chemical, carbon dioxide
Unusual fire and explosion hazards: Toner material, like most organic material in powder form, is capable of creating a dust explosion
Fire-Fighting equipment : N/A
* N/A: Not Applicable

## Section V – Handling and storage

Handling precautions: Keep containers closed at all times, Avoid creating dust, Keep away from ignition sources
Storage requirements: Store in a cold, dry location. Keep away from strong oxidizers
Regulatory requirement : N/A
Other precautions: N/A

## Section VI – Exposure controls / Personal protection

Ventilation : Good general ventilation should be sufficient under intended use
Respiratory Protection : Not required intended use
Protective clothing / Equipment: Not required intended use

## Section VII – Physical and chemical properties

Physical state :	N/A	Water solubility :	Negligible
Appearance and odour :	Black, free flowing powder, odourless	Boiling point :	N/A
Vapour pressure :	N/A	Freezing / Melting point:	N/A
Vapour density :	Heavier than air	Evaporation rate :	N/A
Specific gravity :	(H <sub>2</sub> O = 1, at 4°C) : 1.8		

# MATERIAL SAFETY DATA SHEET CONTINUED

## Section V – Stability and reactivity

**Stability : This is a stable product**

**Polymerisation : Will not occur, None**

**Chemical incompatibilities : N/A**

**Conditions to avoid: N/A**

**Hazardous decomposition products : Combustion will produce carbon dioxide and possibly toxic chemical such as carbon monoxide**

## MATERIAL SAFETY DATA SHEET CONTINUED

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