

# 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:** HP 2300

**Date Prepared:** 9/17/04

**Date Reviewed:** 9/17/04

## 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	Proprietary	N/A	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Iron Oxide	1317-61-9	N/A	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Wax	Proprietary	N/A	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Fumed Silica	Proprietary	N/A	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
* 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>	

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### Section IV – Fire fighting measures

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

### Section V – Handling and storage

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

### Section VI – Exposure controls / Personal protection

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

### Section VII – Physical and chemical properties

<b>Physical state :</b>	<b>N/A</b>	<b>Water solubility :</b>	<b>Negligible</b>
<b>Appearance and odour :</b>	<b>Black, free flowing powder, odourless</b>	<b>Boiling point :</b>	<b>N/A</b>
<b>Vapour pressure :</b>	<b>N/A</b>	<b>Freezing / Melting point:</b>	<b>N/A</b>
<b>Vapour density :</b>	<b>Heavier than air</b>	<b>Evaporation rate :</b>	<b>N/A</b>
<b>Specific gravity :</b>	<b>1.5-2.5</b>		

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### Section V – Stability and reactivity

<b>Stability : This is a stable product</b>
<b>Polymerisation : Will not occur, None</b>
<b>Chemical incompatibilities : N/A</b>
<b>Conditions to avoid: N/A</b>
<b>Hazardous decomposition products : Combustion will produce carbon dioxide and possibly toxic chemical such as carbon monoxide</b>



