

**MATERIAL SAFETY DATA SHEET**

Type : MSDS\_013  
Used In : HP LJ 5Si, 8100

**SECTION I - PRODUCT AND COMPANY IDENTIFICATION**

Manufacturer : XPS b.v.  
Address headquarter : Keizersveld 4, 5803 AN, Venray, the Netherlands  
Telephone : +31 (0) 478 551400  
Fax : +31 (0) 478 551409  
Trade Name : Toner for remanufactured  
Product Class : Toner  
C.A.S. Number : Mixture

**SECTION II - INFORMATION ON INGREDIENTS**

Ingredients	CAS #	Max. content (%)	OSHA PEL	ACGIH TLV	Other limits
Styrene Acrylate Copolymer		25-60	N/A	N/A	None
Polyolefin Wax	25085-53-4	1-5	N/A	N/A	None
Iron Oxide	1317-61-9	25-60	N/A	N/A	None
Charge Control Additive	31714-55-3	< 1	N/A	N/A	None
Flow Additive	67762-90-7	1-5	N/A	N/A	None

**SECTION III - HAZARDS IDENTIFICATION**

Not regarded as health or environmental hazard under current legislation

Environment : The product is not expected to be hazardous to the environment.  
Physical and chemical hazards : High concentrations of dust may form explosive mixture with air  
Human Health : Dust irritates the respiratory system, and may cause coughing and difficulties in breathing.

**SECTION IV - FIRST AID MEASURES**

Eyes : Flush with water. Remove contact lenses before rinsing  
Skin : Wash with soap and water.  
Ingestion : Rinse mouth with water and provide fresh air.  
Inhalation : Remove from exposure.

**SECTION V - FIRE FIGHTING MEASURES**

Fire and explosion Hazards : Dust may form explosive mixture with air. Fire causes formation of toxic gases.  
Extinguishing Media : Use fire extinguishing media appropriate for surrounding materials.  
Fire fighting instructions : Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

Personal precautions : Avoid inhalation of dust.  
Environmental precautions : Waste and contaminated materials should be collected and removed from the work area in suitable labelled container. Avoid spreading dust or contaminated materials.  
Cleanup methods : Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the the area with water. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container.

**SECTION VII - HANDLING AND STORAGE**

Handling and storage precautions : Store in tightly closed original container in a dry and cool place. Keep in original container.  
Work / Hygienic practices : None required when cartridge is used in designated printer. In case of accidental release of toner, goggles and respirator may be required. Please contact XPS for information.

**SECTION VIII - EXPOSURE CONTROL AND PERSONAL PROTECTION**

Eye / Face protection : None needed when used as intended in copier or printer equipment.  
Skin protection : None needed when used as intended in copier or printer equipment.  
Respiratory protection : None needed when used as intended in copier or printer equipment.

---

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

---

Appearance : Black Powder  
Odor : Almost odourless  
Solubility in water : Insoluble  
Particle Size (Micron) : Average by weight ~ 7-9 micron  
Melting Point : ~>80°C

---

**SECTION X - STABILITY AND REACTIVITY**

---

Stability : No particular stability concerns  
Special Materials to avoid : Avoid heat, flames and other sources of ignition.  
Hazardous Decomposition Products : Products of combustion are toxic. Avoid breathing smoke.  
Hazardous Polymerization : Will not occur

---

**SECTION XI - TOXICOLOGICAL INFORMATION**

---

Mutagenicity : No mutagenicity detected by AMES test.  
Carcinogenicity : None present  
Medical conditions aggravated by exposure : None when used as described by product literature.

**This material when used as intended does not represent a health or safety hazard.**

---

**SECTION XII - ECOLOGICAL INFORMATION**

---

The product is not expected to be hazardous to the environment.

---

**SECTION XIII - DISPOSAL CONSIDERATIONS**

---

Wasted disposal method : Waste must be disposed in accordance with country and local environmental control regulations.

---

**SECTION XIV - TRANSPORT INFORMATION**

---

Transport information : This is not a hazardous product

---

**SECTION XV - REGULATORY INFORMATION**

---

TSCA : Not classified  
R & S Phrases : Not required.  
Hazard Symbol : Not required.

---

**SECTION XVI - OTHER INFORMATION**

---

While XPS b.v. believes the information contained herein to be true and accurate, it has relied on information provided by others. XPS b.v. makes no warranties, expressed or implied, as to the accuracy or adequacy of the information contained herein or with respect to the results to be obtained from the use of the product.

XPS b.v. disclaims all liability with respect to the use of this product. Including without limitation, liability for injury to the user or third persons.

The above listed brand names and model designations are intended only to show the compatibility of this XPS product with various machines. XPS is not affiliated with the manufacturers of any of these machines.