SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product name: HP Q5949A Toner Cartridge

Part number: ELI75110

I T E M 1 1 1 1 8 9 0

1.2 IDENTIFIED USES AND USES ADVISED AGAINST

For use in: This mixture is a toner used in copiers/printers.

1.3 SUPPLIER DETAILS

Supplier: SP Richards Co.
6300 Highlands Parkway
Smyrna, GA 30082
United States
Phone number: 815-431-8100
Fax: 815-461-8583

Contact Hours: 08:00AM-5:00PM CST

1.4 EMERGENCY TELEPHONE NUMBERS

Supplier: 815-431-8100

* This document provides safety-related information about toner contained in print cartridge for use in laser printer

2. HAZARDS IDENTIFICATION

2.1 INFORMATION and CLASSIFICATION

Overview: This product is not classified as hazardous according to OSHA CFR 1910.1200 or EU Directive 1999/45/EC, as amended. Acute health effects: Skin contact - Unlikely to cause skin irritation; Eye contact - May cause slight irritation; Inhalation - Minimal irritation to the respiratory tract if exposed to large amounts of toner dust; Ingestion - Ingestion is a minor route of entry for intended use. Low acute toxicity. Potential health effects: Routes of exposure - Skin, eye contact and inhalation. Ingestion is considered a minor route of entry for this product under normal use; Chronic health effects - Prolonged inhalation of excessive amounts of any dust may cause lung damage; Carcinogenicity - None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.

2.2 LABEL ELEMENTS

Applicable Pictograms: NO PICTOGRAM

Danger Indications: N/A

Risk Phrases: N/A

Safety Phrases: N/A

2.3 OTHER HAZARDS

PBT or vPvB: N/A

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS number	Weight %	OSHA PEL	ACGIH TLV	Other
Styrene-Acrylate Copolymer	25036-16-2	46-56			
Magnetite	1309-38-2	40-50			
Ethylene Propylene Copolymer	9010-79-1	0.5-5			
Metal Complex Dye	31714-55-3	<1			
Silica	68909-20-6	0.1-3			
			TWA: 15 mg/m3 (Total Dust), 5 mg/m3 (Respirable Fraction)	TWA: 10 mg/m3 (Inhalable Fraction), 3 mg/m3 (Respirable Particulate)	United Kingdom, WEL: 10 mg/m3 (Inhalable Dust), 3 mg/m3 (Respirable Dust).

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest Directives.

This section provides composition information for the toner powder contained in specially designed container inside of the print cartridge.

4. FIRST-AID MEASURES

4.1 FIRST AID MEASURES

4.1.1 FIRST AID INSTRUCTIONS BY RELEVANT ROUTES OF EXPOSURE

Inhalation: Move person to fresh air immediately. If breathing is difficult, consult a physician.

Eye contact: In case of contact, immediately flush with plenty of low pressure water for at least 15 minutes. Remove contact lenses to ensure thorough flushing. Do not rub eyes.

Skin contact: Wash affected area thoroughly with soap and water. If irritation persists, consult a physician.

Ingestion: Rinse mouth out with water. Drink one or two glasses of water. If symptoms occur, consult a physician.

4.1.2 ADDITIONAL FIRST AID INFORMATION

Additional first aid information: N/A

Immediate Medical Attention Required: N/A

4.2 SYMPTOMS AND EFFECTS

Acute Symptoms from Exposure: N/A

Delayed Symptoms from Exposure: N/A

4.3 IMMEDIATE SPECIAL TREATMENT OR EQUIPMENT REQUIRED

N/A

5. FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Recommended Extinguishing Media: Water, dry chemical, carbon dioxide or foam.

Extinguishing Media Not to be Used: N/A

5.2 SPECIAL HAZARD

Unusual Fire/Explosion Hazards: Toner is a combustible powder. Like most organic materials in powder form, it can form explosive mixtures when dispersed in air. Hazardous combustion products: Carbon monoxide and carbon dioxide.

Extinguishing Media Not to be Used: N/A

5.3 ADVICE FOR FIRE FIGHTERS

Avoid inhalation of smoke. Wear protective cloting an wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 PRECAUTIONS FOR NON-EMERGENCY PERSONNEL

N/A

6.1.2 ADDITIONAL FIRST AID INFORMATION

N/A

6.1.3 PERSONAL PROTECTION

Wear personal protective equipment as described in Section 8.

6.2 ENVIRONMENTAL PRECAUTIONS

Regulatory Information: Keep product out of sewers and watercourses.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP

Spill or Leak Cleanup Procedures: Sweep up or vacuum spilled toner and carefully transfer into a sealable waste container. Sweep slowly to minimize generation of dust during clean up. If a vacuum is used, the motor must be rated as dust tight. A conductive hose bonded to the machine should be used to reduce static build up (See Section 5). Residue can be removed with soap and cold water. Garments may be washed or dry-cleaned, after removal of loose toner. Dispose of waste material in accordance with local, state, and/or federal regulations.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Recommendations for Handling:	No special precautions when used as intended. Keep containers closed, avoid creating dust. Keep away from ignition sources.
Advice on General Hygiene:	Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

7.2 CONDITIONS FOR SAFE STORAGE

Avoid high temperatures, >100°F/32°C

7.3 SPECIFIC END USES

Printing devices

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release in order to maintain airborne concentrations of the product below OSHA PELs (See Section 3).
Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

8.2 EXPOSURE CONTROLS

Respiratory protection:

IMPROPER USE OF RESPIRATORS IS DANGEROUS. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134 and 1910.137) and, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given work conditions, levels of airborne contamination, and sufficient levels of oxygen.

Eye/Face Protection:

Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Hand/Skin Protection:

For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. WARNING! Air purifying respirators do not protect worker in oxygen deficient atmospheres.

Additional Protection:

N/A

Protective Clothing and Equipment:

Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear splash-proof chemical goggles and face shield when working with liquid, unless full face piece respiratory protection is worn.

Safety Stations:

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment:

Separate contaminated work clothes from street clothes. Launder before reuse. Remove material from your shoes and clean personal protective equipment. Never take home contaminated clothing.

Comments:

Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **DETAIL INFORMATION**

Physical state:	APPEARANCE: Black fine powder.
Color:	Black
Odor:	Faint odor.
Odor threshold:	N/A
Boiling point:	N/A
Melting point:	~100°C (softening point)
Flash point:	N/A
Explosion limits:	N/A
Relative density:	N/A
Auto-ignition temperature:	N/A

9.2 **OTHER INFORMATION**

SPECIFIC GRAVITY: 1.3-1.8. WATER SOLUBILITY: Negligible. OTHER SOLUBILITIES: Partially soluble in Toluene & Xylene.

10. CHEMICAL STABILITY AND REACTIVITY

10.1 **Reactivity:**

Reactivity Hazards:	None
Data on Mixture Substances:	None

10.2 **Chemical Stability:** The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.

10.3 **Hazardous Polymerization:** Stable under conditions of normal use.

10.4 **Conditions to Avoid:** Keep away from heat, flame, sparks and other ignition sources.

10.5 **Incompatible Materials:** Strong oxidising materials

10.6 **Hazardous Decomposition:** Will not occur.

11. INFORMATION ON TOXICOLOGICAL EFFECT

Mixtures:	N/A
Acute Toxicity:	Oral Toxicity: Tests on toners have indicated there is no evidence of acute oral toxicity: Swallowed-LD50 (rat) > 2500 mg/kg (i.e. practically non-toxic). U Ewers and D Nowak, Luft 66(2006), No5, 203-210. Not classified for acute oral toxicity according to EU Directive 67/548/EEC and 1999/45/EC. Inhalation Toxicity: LC50 ; inh-rat>5.19 mg/L/4 hours, (data from similar toner), not harmful.
Skin Corrosion/Irritation:	N/A
Serious Eye Damage:	Not classified as an irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
Inhalation:	N/A
Sensitization:	Not classified as sensitizer according to EU 67/548/EEC and as amended, and OSHA HCS (US).
Mutagenicity:	Ames Test - Negative (data from similar toner)
Carcinogenicity:	Not a known or suspected carcinogen according to IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
Reproductive Toxicity:	Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).
STOT - Single Exposure:	N/A
STOT - Multiple Exposure:	No information available.
Ingestion:	N/A
Hazard Class Information:	N/A
Mixture on Market Data:	N/A
Symptoms:	N/A
Delayed/Immediate Effects:	N/A
Test Data on Mixture:	N/A
Not Meeting Classification:	N/A
Routes of Exposure:	N/A
Interactive Effects:	N/A
Absence of Specific Data:	N/A
Mixture vs Substance Data:	N/A

12. ECOLOGICAL INFORMATION

12.1	**Eco toxicity:**	This product has not been tested for ecological effects.
12.2	**Degradability:**	N/A
12.3	**Bioaccumulation Potential:**	N/A
12.4	**Mobility in Soil:**	N/A
12.5	**PBT & vPvB Assessment:**	N/A
12.6	**Other Adverse Effects:**	N/A

13. DISPOSAL CONSIDERATIONS

Disposal Information:
Dispose as a solid waste in accordance with local authority regulations.
Empty container retains product residue.

Physical/Chemical Properties that affect Treatment:
Symbol: This product is not classified as dangerous
Risk Phrases: This product is not classified according to the federal, state and local environmental regulations.

Waste Treatment Information:
Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.

Personal Protection Required:
N/A

14. TRANSPORT INFORMATION

14.1 **ID Number:** Not regulated as hazardous materials (dangerous goods) in transportation.

14.2 **Shipping Name:** Not regulated as hazardous materials (dangerous goods) in transportation.

14.3 **Hazard Class:** Not regulated as hazardous materials (dangerous goods) in transportation.

14.4 **Packing Group:** Not regulated as hazardous materials (dangerous goods) in transportation.

14.5 **Environmental Hazards:** N/A

14.6 **User Precautions:** N/A

14.7 **Bulk Transport:** N/A

15. REGULATORY INFORMATION

15.1 **Regulatory Information:** N/A

EPA Regulatory Information: US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

CERCLA Reportable Quantity: None

15.2 **Superfund Information:**

Hazard Categories:

Immediate: No

Delayed: No

Fire: NFPA Rating: Health = 1 Fire = 1 Reactivity = 1

Pressure: No

Reactivity: No

Section 302 - Extremely Hazardous: No
Section 311 - Hazardous: No

15.3 **State Regulations:** Check your state's regulations that may specifically list copy machine toner.

15.4 **Other Regulatory Information:** N/A

16. OTHER INFORMATION

General Comments: This information is based on our current knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular application

Creation Date of this SDS: 09/22/2015

Key to Abbreviations and Acronyms used in this sheet:

ACGIH = American Conference of Governmental Industrial Hygienists	NIOSH = National Institute for Occupational Safety and Health
CERCLA = Comprehensive Environmental Response Compensation and Liability Act	OSHA = Occupational Health and Safety Administration
CLP = Classification, Labeling, and Packaging	PEL = Permissible Exposure Limit
DSD = Dangerous Substances Directive	SCBA = Self Contained Breathing Apparatus
EPA = Environmental Protection Agency	STOT = Specific Target Organ Toxicity
GHS = Globally Harmonized System	TLV = Threshold Limit Value
N/A = Not Applicable	UK = United Kingdom
NFPA = National Fire Protection Association	UN = United Nations

Ref:

DISCLAIMER
All trademarks and models referenced are property of their respective holders and are used for identification purposes only.
These products are not sponsored by, affiliated with, manufactured by or distributed by the named manufacturers.
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.