

MATERIAL SAFETY DATA SHEET

CE Item #: DPS0027X, DPS0091A, DPS0027A, DPS0061X, DPS0074A, DPS0006A,
DPS0003A, DPS0009A, DPS0082X, DPS0029X, DPS0092A

NAME OF PRODUCT: Various HP Toner Cartridges, Black

MSDS Rev.DATE: 7/5/07

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Various HP Toner Cartridges, Black

SYNONYMS: IPW Toner #: 102-015-B

PRODUCT CODES: IPW Finished Product #: 845-74A, 845-92A, 845-06A, 845-03A, 845-29X, 845-82X, 845-27X, 845-61X, 845-27A, 845-91A, 845-09A

MANUFACTURER: Image Projections West, Inc.

DIVISION:

ADDRESS: 14135 East 42nd Avenue Suite 40 Denver, CO 80239

EMERGENCY PHONE: 1-888-576-9477

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE:

CHEMICAL NAME: Thermoplastic Powder

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE: The product is an assembly of various plastic and metal components containing toner powder for use in computer laser printers. Under normal operation, end user is not exposed to the toner powder or other components contained inside the cartridge.

PREPARED BY:

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	% WT	% VOL	OSH PEL	ACGIH-TLV
Stylene Acrylate Copolymer	25036-16-2	43-53			
Magnetite	1317-61-9	40-50			
Ethylene Propylene Copolymer	9010-79-1	0.5-5			
Metal-Complex Dye	104815-18-1	0.1-3			

SECTION 2 NOTES: No Hazardous Materials Present

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Prolonged breathing of high concentrations may cause adverse effects on the respiratory system

ROUTES OF ENTRY: Not expected if used as intended.

POTENTIAL HEALTH EFFECTS

EYES: This product contains a component which is an eye irritant.

SKIN: Not an irritant

INGESTION: May cause irritation of the mucous membranes or digestive tract

INHALATION: Inhalation of toner could cause respiratory irritation, but considered a low hazard.

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: None known when used as intended

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Irritation of eyes and respiratory tract may occur in heavy dust conditions

CARCINOGENICITY

OSHA: NO ACGIH: N/A NTP: NO IARC: NO

OTHER: N/A

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: In case of contact immediately flush with plenty of low pressure water for at least 15 minutes. Remove any contact lenses to ensure thorough flushing. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel

SKIN: Wash well with soap and running water. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel. Wash contaminated clothing and decontaminate footwear before reuse.

INGESTION: DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel of take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air immediately. Get medical attention if needed.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER:
(% BY VOLUME) LOWER:

FLASH POINT:
F: N/A
C: N/A
METHOD USED: N/A

AUTOIGNITION TEMPERATURE:
F: N/A
C: N/A

NFPA HAZARD CLASSIFICATION
HEALTH: FLAMMABILITY: 1 Slight REACTIVITY:
OTHER:

HMIS HAZARD CLASSIFICATION
HEALTH: FLAMMABILITY: 1 Slight REACTIVITY:
PROTECTION:

EXTINGUISHING MEDIA: Water, Dry Chemical, Foam, Carbon Dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Do not release run-off from fire control methods to sewers or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May form explosive dust-air mixture.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, nitrogen oxide and smoke. Under certain conditions some aliphatic aldehydes and carboxylic acids may form.

SECTION 5 NOTES: Fire fighting equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with full facepiece operated in pressure-demand or positive-pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: N/A

SMALL SPILLS: Scoop into container for disposal, suction up remaining material with high efficiency vacuum cleaner.
LARGE SPILLS: Scoop into container for disposal, suction up remaining material with high efficiency vacuum cleaner.
CONTAINMENT: For large spills, avoid suspending particles, collect for later disposal. Do not release into sewers or waterways.
CLEANUP: No special requirements.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING PRECAUTIONS: Prevent skin and eye contact. Follow procedures specified in the National Fire Protection Association Codes and Standards for handling combustible dusts. May form combustible dust cloud in air. Avoid pneumatic conveying systems, as well as grinding and other physical operations which may create dust and a potential dust explosion hazard. Maintain good housekeeping to minimize dust generation and accumulation.

STORAGE REQUIREMENTS: Store in a cool, dry location, away from incompatible materials.

OTHER PRECAUTIONS: Keep container closed. Store away from traffic.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION: Use ventilation adequate to maintain safe levels. Open containers in well-ventilated areas to avoid inhalation of accumulated residual monomers or other volatile components which may be present at trace levels.

RESPIRATORY PROTECTION: Use NIOSH certified full face piece respirator for dusts.

PROTECTIVE CLOTHING/EQUIPMENT: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29CFR 1910.133). Contact lenses are not eye protective devices. Appropriate protection must be worn instead of, or in conjunction with contact lenses.

SAFETY STATIONS: Make emergency eyewash stations and washing facilities available in work area.

CONTAMINATED EQUIPMENT: Separate contaminated work clothing from street clothes. Launder before re-use. Remove this material from your shoes and clean personal protective equipment.

SECTION 8 NOTES: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, using the toilet, or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Black powder

ODOR: Faint odor

pH AS SUPPLIED: N/A

pH (Other): N/A

BOILING POINT: N/A

F: N/A

C: N/A

MELTING POINT:

F:

C: >110 deg.

FREEZING POINT: N/A

F: N/A

C: N/A

VAPOR PRESSURE (mmHg): N/A

@

F: N/A

C: N/A

VAPOR DENSITY (AIR = 1): Heavier than air

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F: N/A

C: N/A

SPECIFIC GRAVITY (H₂O = 1): 1.3-1.8

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F:

C: 4 deg.

EVAPORATION RATE: N/A

BASIS (=1): N/A

SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: N/A

PERCENT VOLATILE:

BY WT: N/A

BY VOL @

F: N/A

C: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

WITH WATER: LBS/GAL

WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: N/A

VISCOSITY: N/A

@

F: N/A

C: N/A

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Effects: N/A

Skin Effects: N/A

Toxicity Data: N/A

Acute Inhalation Effects: N/A

Acute Oral Effects: N/A

Chronic Effects: N/A

Carcinogenicity: N/A

Mutagenicity: Ames Negative

Teratogenicity: N/A

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: N/A

Environmental Fate: N/A

Environmental Degradation: N/A

Soil Absorption/Mobility: N/A

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.
DISPOSAL REGULATORY REQUIREMENTS: N/A
CONTAINER CLEANING AND DISPOSAL: N/A
SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: N/A

WATER TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: N/A

AIR TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: N/A

OTHER AGENCIES: N/A

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

EPA Regulations:

TSCA (TSCA Substances Control Act): All ingredients are on the TSCA chemical substances inventory.

CEPA (Canadian Environmental Protection Act): All ingredients NOT confirmed on the DSL (Domestic Substances list).

SARA Title III: This product does not contain any chemicals subject to the reporting requirements of SARA section 313.

STATE REGULATIONS: None

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER:

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