MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

MSE MICRO SOLUTIONS ENTERPRISES Choose Quality®

EMERGENCY TELEPHONE NUMBER 1-(800)-424-9300

DATE PREPARED 02.02.11

SIGNATURE OF PREPARER (OPTIONAL)

SECTION 1 CHEMICAL PRODUCT / NAME

Product/chemical name:	**HP 5500 Black**	**02-21-3014**
CAS number:	Mixture	
Other designations:	N/A	
General use:	Laser printer	

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name:	**CAS NUMBER**	**%**	**OSHA PEL**		**ACGIH TLV**		**OTHER LIMITS**
Saturated Polyester Resin	Registered	80-95	N/A		N/A		
Carbon black	1333-86-4	2-10	3.5mg/m^3		3.5mg/m^3		
Polypropylene Wax	Registered	2-6	N/A		N/A		
Metal-Complex Dye	Registered	0.5-2	N/A		N/A		
Silica	Registered	2-7	N/A		N/A		
NO HAZARDOUS MATERIALS PRESENT							

SECTION 3 HAZARDOUS IDENTIFICATION

Primary entry routes:	Inhalation of dust and skin contact	HMIS
Hazardous Property:	None	H 0
Environmental impact:	None	F 1
GHS:	N/A	R 0
Signs and Symptoms of Exposure:	Irritation of eyes and respiratory tract may occurring heavy dust conditions	PPE
Medical Conditions Generally Aggravated by	None Known	

SECTION 4 FIRST AID MEASURES

Inhalation:	Remove from exposure Gargle with water
Eye contact:	Flush with water. If irritation persists, get medical attention
Skin contact:	Wash thoroughly with soap and water
Ingestion:	Dilute stomach contents with several glasses of water

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media:	Water Fog, Foam, Dry Chemical, Co_2
Unusual fire or explosion hazards:	Like many finely divided materials, toner dust, in high concentrations can form an explosive mixture in air.
Fire-fighting instructions:	Avoid inhalation of smoke. Wear MSHA/NIOSH self contained breathing apparatus. Cool fire exposed containers with water spray.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Precaution for human:	When working, the protection tool such as the anti dust masks is used if necessary.
Precaution for environment:	The leakage to a sewer or river is prevented.
Prevention of second disaster:	Take up avoiding formation of dust.

SECTION 7 HANDLING AND STORAGE

Handling:	Vacuum or sweep up as with any other non-toxic powder.
Fire & Explosion Prevention:	Do not store next to strong oxidizers. Store in a cool, dry location. Eye protection and respirators ma be required for bulk handling.
Storage:	Avoid excessive exposure to heat.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:	Local exhaust ventilation recommended
Respiratory protection:	None required when product is used as intended.
Protective gloves:	None required when product is used as intended.
Eye Protection:	None required when product is used as intended.
Protective Clothing:	None required when product is used as intended.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Color:	Black	**Water solubility:**	Insoluble
Appearance:	Black Powder	**Boiling point:**	N/A
Odor:	Faint	**Freezing/melting point:**	>100^{0}C
Vapor pressure:	N/A	**Evaporation rate:**	N/A
Vapor density(air=1):	N/A	**Explosive limits:**	LEL: N/A UEL: N/A
pH:	N/A	**Specific Gravity:**	1.0-1.5

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable
Polymerization:	This product will not polymerize
Chemical incompatibilities:	None with common materials with which the product may reasonably come in to contact
Conditions to avoid:	None
Hazardous decomposition products:	None

SECTION 11 TOXICOLOGICAL INFORMATION

Eye effects:	Not classified as irritant, according to Directive 67/548/EEC. (data from
Skin effects:	Not classified as irritant or skin sensitizer, according to Directive
Toxicity data:	Not harmful
Carcinogenicity:	None
Mutagenicity:	Ames test NEGATIVE

*** See NIOSH,RTECS for additional toxicity data**

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	IC_{50} (for algae 72h)/Pseudokirchnerella subcapita: IC_{50}.100mgL (data from similar toner)
Degradable:	No Data
Accumulation:	No Data

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal:	Dispose according to federal, state and local regulation.

SECTION 14 TRANSPORT INFORMATION

UN Number:	N/A						
UN Shipping Name:	N/A						
UN Classification:	N/A						
UN Packing Group:	N/A						
Marine Pollutant:	N/A						
Special Precautions:	The container is sealed up. Keep dry.						

SECTION 15 REGULATORY INFORMATION

All components are listed on TSCA Inventory (USA) and METI (Japan)

Labeling according to EU Directive 67/548/EEC

R & S Phrases: Not required	
Hazard symbol: Not required	

SECTION 16 OTHER INFORMATION

According to Directive 91/155/EEC	

THIS INFORMATION IN THIS MSDS WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY EXPRESSED OR IMPLIED, REGARDING ITS CORRECTNESS. THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE AND DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.