**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 10.25.10** | **SIGNATURE OF PREPARER (OPTIONAL)** |
|---|---|

## SECTION 1 CHEMICAL PRODUCT / NAME

| | | |
|---|---|---|
| **Product/chemical name:** | **HP 4200** | **02-21-3814** |
| **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** | |
|---|---|---|---|---|---|---|---|
| Styrene Acrylate Copolymer | 25036-16-2 | 43-53 | | N/A | | N/A | |
| Magnetite | 1317-61-9 | 40-50 | | N/A | | N/A | |
| Ethylene Propylene Copolymer | 9010-79-1 | 1-5 | | N/A | | N/A | |
| Metal-Complex Dye | 31714-55-3 | 0.1-1 | | N/A | | N/A | |

NDA = NO DATA AVAILABLE

N/A = NOT APPLICABLE

## SECTION 3 HAZARDOUS IDENTIFICATION

| | | |
|---|---|---|
| **Routes of Entry:** | Not expected if use as intended. See Below. | HMIS |
| **Eye:** | Yes | H 1 |
| **Skin:** | Yes | F 1 |
| **Inhalation:** | Yes | R 1 |
| **Ingestion:** | Yes | PPE |
| **Chronic effects:** | None known health hazard when used as intended in a copier/printer machine. | Sec.8 |
| **Carcinogenicity:** | No | |
| **NTP?** | No | |
| **IARC Monographs?** | No | |
| **OSHA Regulated?** | No | |
| **Signs & Symptoms of Exposure:** | Irritation of eyes and respiratory tract may occur in heavy dust conditions. | |
| **Medical Conditions Generally Aggravated by Exposure:** | None known | |

## SECTION 4 EMERGENCY AND FIRST AID PROCEDURES

**Remove from Exposure**

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| **First Aid…** | |
| **Eyes:** | Flush with water. If irritation persists, get medical attention. |
| **Skin:** | Wash thoroughly with soap and water. |
| **Inhalation:** | Remove from exposure. Gargle with water. |
| **Ingestion:** | Dilute stomach contents with plenty of water. |
| **Additional info:** | None |
| | |
| | |

## SECTION 5 FIRE FIGHTING MEASURES

| | |
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| **Explosive Limits** | |
| **LEL:** | N/A |
| **UEL:** | N/A |
| **Flash point:** | N/A |
| **Flash point method:** | N/A |
| **Extinguishing media:** | Water fog, Foam, Dry Chemical, $CO_2$ |
| **Fire-fighting instructions:** | Avoid inhalation of smoke. Wear MSHA/NIOSH self contained breathing apparatus. Cool fire exposed containers with water spray. |
| **Unusual fire or explosion hazards:** | This material has no unusual fire or explosion hazards. |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Take up avoiding formation of dust.

## SECTION 7 SAFE HANDLING & STORAGE

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

## SECTION 8 CONTROL/PERSONAL PROTECTION INFORMATION

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| **Respiratory protection:** | None required when product is used as intended. |
| **Ventilation:** | |
| **Local exhaust:** | Office conditions. |
| **Mechanical:** | |
| **Special:** | None. |
| **Other:** | None. |
| **Protective Gloves:** | None required when product is used as intended. |
| **Eye Protection:** | None required when product is used as intended. |
| **Other Protective Clothing:** | None required when product is used as intended. |
| **Work and Hygienic Practices:** | Avoid breathing dust if sample is spilled. |

## SECTION 9 PHYSICAL & CHEMICAL INFORMATION

| | | | |
|---|---|---|---|
| **Boiling point:** | N/A | **Specific gravity:** | 1.3-1.8 |
| **Vapor pressure:** | N/A | **Vapor density(air=1):** | N/A |
| **Freezing/melting point:** | >110°C | **Evaporation rate:** | N/A |
| **Water solubility:** | Insoluble | **Appearance and odor:** | Black powder, faint odor |

## SECTION 10 REACTIVITY INFORMATION

| | |
|---|---|
| **Stability:** | Stable. |
| **Polymerization:** | Will not occur. |
| **Chemical incompatibilities:** | None with common materials with which the product may reasonably come into contact with. |
| **Conditions to avoid:** | N/A |
| **Hazardous decomposition products:** | None. |

## SECTION 11 TOXICOLOGY INFORMATION

| | | |
|---|---|---|
| **Acridity:** | **Eye:** | None. |
| | **Skin:** | None. |
| **Corrosion:** | | None. |
| **Sensitizing Property:** | | None. |
| **Acute Toxicity:** | | None. |
| **Subacute:** | | None. |
| **Chronic Toxicity:** | | None. |
| **Carcinogenicity:** | | None. |
| **Mutagenicity:** | | Ames test Negative. |

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

## SECTION 12 ECOLOGICAL INFORMATION

| | |
|---|---|
| **Ecotoxicity:** | None. |
| **Degradable:** | None. |
| **Accumulation:** | None. |

## SECTION 13 WASTE DISPOSAL INFORMATION

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| **Disposal:** | Dispose of according to federal, state, and local regulations. |

## SECTION 14 TRANSPORTATION INFORMATION

This container is sealed up. Not dangerous cargo. Keep dry.

## SECTION 15 REGULATORY INFORMATION

**~All components are listed on TSCA Inventory (USA) and METI list (Japan).**
**~Label according to EU directive 67/548/EEC.**

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| **R & S Phrases:** | Not required. |
| **Hazard Symbol:** | Not required. |

## SECTION 16 OTHER INFORMATION

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| **Ingredients affecting carcinogenic, mutagenic, or toxic:** | This toner does not contain any 1-nirtopyrene, benzo[a]pyrene, azo dyes, or pigments that can release carcinogenic amines |

This toner does not contain any other substances that are carcinogenic, mutagenic, or toxic to reproduction in accordance with TRGS 905.

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