



Revision date : September 26, 2007

MATERIAL SAFETY DATA SHEET

Type : MSDS_002
Used In : HP LJ 2300, 4200, 4250, 4300, 4345, 4350

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

| <u>Ingredients</u> | <u>CAS #</u> | <u>Max. content (%)</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>Other limits</u> |
|---------------------------|--------------|-------------------------|-----------------|------------------|---------------------|
| Saturated Polyester Resin | 119681-36-6 | 40-55 | N/A | N/A | None |
| Magnetite | 1317-61-9 | 35-55 | N/A | N/A | None |
| Polypropylene Wax | 9003-07-0 | 0.5-5 | N/A | N/A | None |
| | 25722-45-6 | | | | |
| Metal Complex Dye | 104815-18-1 | 0.1-3 | N/A | N/A | None |

SECTION III - HAZARDS IDENTIFICATION

Potential health effects :

Eyes : Possible irritant.
Skin contact : Not an irritant
Skin absorption : Skin absorption is unlikely due to physical properties.
Ingestion : May cause irritation of the mucous membranes or digestive tract.
Inhalation : Inhalation of toner could cause respiratory irritation, but considered a low hazard.

Fire and Explosion

Sensitivity to mechanical impact : None
Sensitivity to static charge : None

SECTION IV - FIRST AID MEASURES

Eyes : Flush with water.
Skin : Wash with soap and water.
Ingestion : Drink water. No adverse effects anticipated by this route of exposure incidental to proper handling.
Inhalation : Remove from exposure.

SECTION V - FIRE FIGHTING MEASURES

Fire and explosion Hazards : This material has no unusual fire or explosion hazards.
Extinguishing Media : Water fog, foam, dry chemical, Co2
Fire fighting instructions : Avoid inhalation of smoke.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Loose toner can be removed using a vacuum cleaner. Residue can be removed with soap and water.
After removal of loose toner, garments may be washed or dry cleaned.

SECTION VII - HANDLING AND STORAGE

Handling and storage precautions : Avoid prolonged inhalation of excessive dust. Avoid storage temperatures in excess of 90 degrees Fahrenheit.
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 : Faint Oder
Solubility in water : Insoluble
Specific Gravity : 1.3-1.8
Melting Point : >110°C

SECTION X - STABILITY AND REACTIVITY

Stability : Stable
Special Materials to avoid : Avoid open flames
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

No data given.

SECTION XIII - DISPOSAL CONSIDERATIONS

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

SECTION XIV - TRANSPORT INFORMATION

Transport information : This is not a hazardous product

SECTION XV - REGULATORY INFORMATION

TSCA : All chemical substances in this product comply with all applicable rules or orders under TSCA
R & S Phrases : Not required.
Hazard Symbol : Not required.

SECTION XVI - OTHER INFORMATION

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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.