

MATERIAL SAFETY DATA SHEET

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 cartridges
Product Class : Toner
C.A.S. Number : Mixture

SECTION II - INFORMATION ON INGREDIENTS

Ingredients:	CAS#:	MAX content:	OSHA PEL:	ACGIH TLV:	Other limits:
Styrene Acrylat Copolymer	25036-16-2	43-53	N/A	N/A	None
Magnetite	1317-61-9	40-50	N/A	N/A	None
Polypropylene Wax	9010-79-1	1-5	N/A	N/A	None
Metal Complex Dye	31714-55-3	0.1-1	N/A	N/A	None

SECTION III - HAZARDS IDENTIFICATION

Potential health effects :

Eyes : May cause irritation.
Skin contact : May cause irritation.
Ingestion : May cause irritation of the mucous membranes or digestive tract.
Inhalation : Excessive inhalation may cause irritation of the nose, throat and respiratory tract.

SECTION IV - FIRST AID MEASURES

Eyes : Flush with water. Before rinsing remove any contact lenses.
Skin : Wash with soap and water.
Ingestion : Dilute stomach contents with several glasses of water. Get medical attention if needed.
Inhalation : Remove from exposure to fresh air immediately. Gargle with water. If symptoms occur get medical attention.

SECTION V - FIRE MEASURES

Extinguishing Media : Water fog, foam, dry chemical, Co2. Use fire extinguishing media appropriate for surrounding materials.
Protective equipment needed : Wear full bunker gear including a positive pressure selfcontained breathing apparatus in case of large quantities.
Unusual fire and explosion hazards : Toner material, like most organic material in powder form, is capable of creating a dust explosion.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear personal protective equipment. Avoid breathing dust. Minimize the release of particles.
Environmental precautions : Minimize the release of particles. Vacuum or sweep the material into a bag of other sealed container.
 If a vacuum cleaner is used, the motor must be rated as dust tight. Dispose of waste toner in accordance with local requirements. Keep product out of sewers and watercourses.

SECTION VII - HANDLING AND AND STORAGE

Handling and storage precautions : Eye protection and respirators may be required for bulk handling. Store in a cool, dry place. Do not store next to strong oxidizers. Avoid excessive exposure to heat. Keep out of reach of children.
Work / Hygienic practices : None required when cartridge is used in designated copier or printer equipment. 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 : Powder.

Odor	: Mild to faint odor.
Solubility in water	: Negligible.
Specific Gravity	: 0.6 - 1.8
Melting Point	: 80 - 150°C

SECTION X - STABILITY AND REACTIVITY

Stability	: Stable under condition of normal use.
Special Materials/conditions to avoid	: Avoid heat, flames and other sources of ignition. Do not put the toner in direct sunlight
Hazardous Decomposition Products	: Fire generates toxic gases/ vapors/ smoke of Co ₂ , Co and PAH
Hazardous Polymerization	: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Mutagenicity	: AMES test negative.
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

Ecotoxicity	: This product is not expected to be hazardous to the environment.
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SECTION XIII - DISPOSAL CONSIDERATIONS

Wasted disposal method	: Waste must be disposed of in accordance with country and local environmental control regulations.
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SECTION XIV - TRANSPORT INFORMATION

Transport information	: This is not a hazardous product.
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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

While XPS b.v. believes the information contained herein to be true and accurate, it has relied on information provided by others. XPS b.v. makes no warranties, expressed or implied, as to the accuracy or adequacy of the information contained herein or with respect to the results to be obtained from the XPS b.v. disclaims all liability with respect to the use of this product. Including without limitation, liability for injury to the user or third persons.

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.