

Safety Data Sheet

SDS # : A-1023

Dry Ink

Issuing Date 2005-06-15

Revision Date 2018-11-13

Version 2

Active

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name
Dry Ink for 6204, 6279, 6604, 6605, Xerox Wide Format 6705 System

Part no.

006R01238, 006R01374

Color

Black

Pure substance/mixture

Mixture

Relevant identified uses of the substance or mixture and uses advised against
Recommended Use Xerographic printing

Details of the supplier of the safety data sheet
Manufactured by Xerox Corporation
 Webster, NY 14580

For further information, please contact
Contact person Manager, Environment, Health, Safety & Sustainability

E-mail address askxerox@xerox.com

Emergency telephone Safety Information US: (800) 275-9376

Chemical Emergency only (Chemtrec) (800) 424-9300

For the most current document <https://safetysheets.business.xerox.com>

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Customer use / Cartridges and sealed bottles
OSHA Hazard Classification

This product is an article which contains a mixture / preparation in powder form. Safety information is given for exposure to the article as sold and used by the customer. Intended use of the product is not expected to result in exposure to the mixture / preparation based on the packaging and method of dispensing.

While this material is not considered hazardous by the OSHA hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information for the safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product.

Label elements

Signal Word None

Hazard Statements None required

Precautionary Statements None required

Other hazards

Not a PBT according to REACH Annex XIII
 May form explosible dust-air mixture if dispersed

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

| Chemical Name | CAS No. | Weight % | Classification (Reg. 1272/2008) | Hazard Statements |
|----------------------------|-------------|----------|---|----------------------|
| Styrene/acrylate copolymer | 25767-47-9 | 50-60 | -- | -- |
| Iron oxide | 1317-61-9 | 30-40 | -- | -- |
| Polypropylene wax | 9003-07-0 | 1-5 | -- | -- |
| Amorphous silica | 7631-86-9 | <1 | -- | -- |
| Metal Complex Dye | 109125-51-1 | <1 | Self-react. C Aquatic Acute 1 Aquatic Chr 1 | H242 H400 H410 |

"--" indicates no classification or hazard statements apply.

Full text of H- statements: see section 16

4. FIRST AID MEASURES

Description of first-aid measures

General advice For external use only. When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes

Skin contact Wash skin with soap and water

Inhalation Move to fresh air

Ingestion Rinse mouth with water and afterwards drink plenty of water or milk

Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes No known effect

Skin No known effect

Inhalation No known effect

Ingestion No known effect

Main symptoms **Overexposure may cause:**
 mild respiratory irritation similar to nuisance dust.

Aggravated Medical Conditions None under normal use conditions

Indication of immediate medical attention and special treatment needed

Protection of first-aiders No special protective equipment required

Notes to physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Use water spray or fog; do not use straight streams, Foam

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

Special hazards arising from the substance or mixture

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

Hazardous combustion products

Hazardous decomposition products due to incomplete combustion, Carbon oxides, Nitrogen oxides (NOx)

Advice for fire-fighters

In the event of fire and/or explosion do not breathe fumes. Wear fire/flame resistant/retardant clothing. Use self-contained pressure-demand breathing apparatus if needed to prevent exposure to smoke or airborne toxins. Wear self-contained breathing apparatus and protective suit

Other information

| | |
|---------------------|---|
| Flammability | Not flammable. Will not readily ignite. |
| Flash point | Not applicable |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid breathing dust

Environmental precautions

No special environmental precautions required

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for containment | Prevent dust cloud |
| Methods for cleaning up | Use a vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner making it difficult to remove |

Reference to other sections

The environmental impact of this product has not been fully investigated
However, this preparation is not expected to present significant adverse environmental effects.

7. HANDLING AND STORAGE

Precautions for safe handling

| | |
|--------------------------------|--|
| Advice on safe handling | Handle in accordance with good industrial hygiene and safety practice, Avoid dust accumulation in enclosed space, Prevent dust cloud |
|--------------------------------|--|

| | |
|-------------------------|----------------------------------|
| Hygiene measures | None under normal use conditions |
|-------------------------|----------------------------------|

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions Keep container tightly closed in a dry and well-ventilated place, Store at room temperature

| | |
|------------------------------|------|
| Incompatible products | None |
|------------------------------|------|

Specific end uses

Xerographic printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

| | |
|-----------------------------|--|
| ACGIH TLV TWA | 10 mg/m ³ (inhalable particles) |
| ACGIH TLV TWA | 3 mg/m ³ (respirable dust) |
| OSHA PEL TWA | 15 mg/m ³ (total dust) |
| OSHA PEL TWA | 5 mg/m ³ (respirable dust) |
| Xerox Exposure Limit | 2.5 mg/m ³ (total dust) |
| Xerox Exposure Limit | 0.4 mg/m ³ (respirable dust) |

Component Information

| Chemical Name | ACGIH TLV | OSHA PEL |
|-------------------|-----------|--------------------------------|
| Metal Complex Dye | | Ceiling: 0.1 mg/m ³ |

Exposure controls

Engineering measures None under normal use conditions

Individual protection measures, such as personal protective equipment (PPE)

| | |
|---------------------------------|---|
| Eye/Face protection | No special protective equipment required |
| Hand protection | No special protective equipment required |
| Skin and body protection | No special protective equipment required |
| Respiratory protection | No special protective equipment required. |
| Thermal hazards | None under normal processing |

Environmental Exposure Controls Keep out of drains, sewers, ditches and waterways

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------|-----------------------|----------------|
| Appearance | Powder | Odor | Faint |
| Physical state | Solid | Odor threshold | Not applicable |
| Color | Black | pH | Not applicable |

| | |
|-----------------------------------|---|
| Flash point | Not applicable |
| Boiling point/range | Not applicable |
| Softening point | 49 - 60 °C / 120 - 140 °F |
| Evaporation rate | Not applicable |
| Flammability | Not flammable. Will not readily ignite. |
| Flammability Limits in Air | Not applicable |

| | |
|----------------------------------|--|
| Vapor pressure | Not applicable |
| Vapor density | Not applicable |
| Specific gravity | ~ 2 |
| Water solubility | Negligible |
| Partition coefficient | Not applicable |
| Autoignition temperature | Not applicable |
| Decomposition temperature | Not determined |
| Viscosity | Not applicable |
| Explosive properties | Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard |
| Oxidizing properties | Not applicable |

Other information

None

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions None under normal processing
Hazardous polymerization Hazardous polymerization does not occur

Conditions to avoid

Prevent dust cloud, Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

Incompatible Materials

None

Hazardous decomposition products

None under normal use

11. TOXICOLOGICAL INFORMATION

The toxicity data noted below is based on the test results of similar reprographic materials.

Information on toxicological effects

Acute toxicity

Product Information

Irritation No skin irritation, No eye irritation
Oral LD50 > 5 g/kg (rat)
Dermal LD50 > 5 g/kg (rabbit)
LC50 Inhalation > 5 mg/L (rat, 4 hr)

Component Information

| Chemical Name | LC50 Inhalation | Dermal LD50 | Oral LD50 |
|------------------|-----------------------|------------------------|---------------------|
| Iron oxide | | | 10000 mg/kg (Rat) |
| Amorphous silica | >2.2 mg/L (Rat) 1 h | >2000 mg/kg (Rabbit) | >5000 mg/kg (Rat) |

Chronic toxicity

Sensitization No sensitization responses were observed
Neurological Effects No information available
Target organ effects None known

CMR Effects

Mutagenic effects Not mutagenic in AMES Test
Reproductive toxicity This product does not contain any known or suspected reproductive hazards
Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard Not applicable
Other adverse effects None known

12. ECOLOGICAL INFORMATION

Toxicity

On available data, the mixture / preparation is not harmful to aquatic life

Component Information

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|------------------|--|--|----------------------------|---|
| Amorphous silica | 440 mg/L EC50 72 h (Pseudokirchneriella subcapitata) | LC50= 5000 mg/L Brachydanio rerio 96 h | | EC50 = 7600 mg/L 48 h |

Persistence and degradability

Not readily biodegradable

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Insoluble in water

Other adverse effects

Presents little or no hazard to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

Can be landfilled or incinerated, when in compliance with local regulations. If incineration is to be carried out, care must be exercised to prevent dust clouds forming.

Contaminated packaging

No special precautions are needed in handling this material

Other information

Although toner is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways.

14. TRANSPORT INFORMATION

This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Regulatory Status

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Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories

| | |
|----------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act

This product is not regulated as a pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product is not regulated as a hazardous air pollutant (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Although this product contains substances included in some U.S. State Right-to-Know regulations, the particles are bound in a unique matrix and, therefore, the product does not pose any specific hazard.

16. OTHER INFORMATION

Issuing Date 2005-06-15
Revision Date 2018-11-13
Revision Note (M)SDS sections updated:, 3
Full text of H-Statements referred to under sections 2 and 3
H242 - Heating may cause a fire
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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