

# MATERIAL SAFETY DATA SHEET

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Revision Date: 07/01/2019

MSDS Number: SDS201907012198

Version: 1.0

Toner

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name : Toner

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use : Used as toner for printer

**1.3 Product Name: Ricoh SP3600/4510 6K**

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## SECTION 2: Hazards identification

### 2.1 Classification of the product

#### GHS Classification(29 CFR 1910.1200-OSHA HazCom 2012)

This product is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

The information contained in this Material Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

### 2.2 Label elements

#### GHS label elements(29 CFR 1910.1200-OSHA HazCom 2012)

This product contains no substances which at their given concentration, are considered to be hazardous to health, so no label elements should be shown on this section.

Hazard pictograms : Not classified as hazardous under 29 CFR 1910.1200-OSHA HazCom 2012.

Signal word : Not applicable

Hazard statements : Not applicable

Precautionary Statements : **Prevention:**  
Not applicable

**Response:**  
Not applicable



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**Storage:**  
Not applicable

**Disposal:**  
Not applicable

## 2.3 Other hazards

### Additional advice

None known.

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## SECTION 3: Composition/information on ingredients

Product type : Mixture

### Hazardous components

Chemical name	CAS-No.	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
Styrene acrylic resin	-	Not classified.	>=90 - <100
Polypropylene wax	9003-07-0	Not classified.	>=1 - <10
Carbon black	1333-86-4	Not classified.	>=1 - <10
Silicon dioxide	7631-86-9	Not classified.	>=1 - <10

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## 4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

If inhaled : First aid is not normally required.  
If breathed in, move person into fresh air.  
If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.  
If symptoms persist, call a physician.

In case of eye contact : First aid is not normally required.  
Immediately flush with plenty of water as precaution.  
Remove contact lenses.  
Protect unharmed eye.  
If symptoms persist, call a physician.

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If swallowed : First aid is not normally required.  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : None expected or anticipated symptom.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No hazards which require special first aid measures.  
Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray/Foam/Carbon dioxide (CO<sub>2</sub>)/Dry chemical

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : There is no explosion or fire hazards.

Hazardous combustion products : None known.

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus and protective gear.

Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Standard procedure for chemical fires.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid prolonged contact with eye and skin.  
Avoid dust formation.  
Comply with all applicable national and local regulations.

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## 6.2 Environmental precautions

Environmental precautions : There is no special environmental precaution required.

## 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Collect the spill with inert absorbent materials.  
Keep in suitable, closed containers for disposal.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid all personal contact, including inhalation.  
Wear protective clothing when risk of exposure occurs.  
For personal protection see section 8.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : General industrial hygiene practice.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in dry, low temperature and well-ventilated place.

Advice on common storage : No materials to be especially mentioned.

Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : No other specific uses is stipulated.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Engineering measures

General room ventilation should be adequate for normal conditions of use.

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Normally not required under normal use condition.

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Skin and body protection : Normally not required under normal use condition.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance : Powder

Color : Black

Odor : No odor

pH : Not applicable

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : No data available

Evaporation rate : No data available

Flammability (solid, gas) : Non-flammable

Upper explosion limit : Non-explosive

Lower explosion limit : Non-explosive

Vapour pressure : No data available

Relative vapour density : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : No data available

Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Thermal decomposition : No data available

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : Not an oxidizer

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## 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Non-reactive if stored and applied as directed.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Product will not undergo hazardous polymerization.

### 10.4 Conditions to avoid

Conditions to avoid : Keep away from heat, flame, sparks and other ignition sources.

### 10.5 Incompatible materials

Materials to avoid : None known.

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

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**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration hazard**

Not classified based on available information.

**Carcinogenicity:**

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

Bioaccumulation : The bioaccumulation potential cannot be determined.

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

Not relevant

**12.6 Other adverse effects**

Additional ecological information : No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Contaminated packaging : Disposal should be in accordance with applicable regional, national and local laws and regulations

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## SECTION 14: Transport information

### International transport regulations

#### US DOT(Land transport)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

#### INTERNATIONAL MARITIME DANGEROUS GOODS(IMDG, 39-18)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

#### INTERNATIONAL AIR TRANSPORT ASSOCIATION(IATA, 60th edition)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

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## SECTION 15: Regulatory information

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313 Component(s)SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop. 65** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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## SECTION 16: Other information

### Further information

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### Disclaimer:

This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by us to be dependable and is accurate to the best of our knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. We assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

\*\*\*End of Material Safety Data Sheet\*\*\*

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