

# SAFETY DATA SHEET

Issuing Date 16-Dec-2020

Revision date 22-Dec-2020

Revision Number 1

## SECTION 1: Identification of the hazardous chemical and of the supplier

### Product identifier

Product Code(s) 0990005

Safety data sheet number TNML-003

Product Name TNML-003

### Other means of identification

Synonyms No information available

### Recommended use of the chemical and restrictions on use

Recommended use Ink and toners

Uses advised against No information available

### Supplier's details

#### Supplier

**Company Name:** Fuji Xerox Asia Pacific Pte Ltd, Malaysia Operations

**Address:** GF, 1F & 3F, Axis Business Park, Block C, No. 10, Jalan Bersatu 13/4, 46200 Petaling Jaya, Selangor, Malaysia

**Division:**

**Phone Number:** +603-7882 2888

**FAX Number:**

For further information, please contact

### Emergency telephone number

Emergency Telephone No information available

## SECTION 2: Hazard identification

### Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

### Other hazards which do not result in classification

No information available.

## SECTION 3: Composition and information of the ingredients of the hazardous chemical

**Substance**

Not applicable

**Mixture**

Chemical name	CAS No	Weight-%
Resin	-	>50
Non Hazardous Substances	-	<30
Carbon black	1333-86-4	10 - 30

**SECTION 4: First aid measures****Description of necessary measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms/effects, acute and delayed**

**Symptoms** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Note to physicians** Treat symptomatically.

**SECTION 5: Firefighting measures****Suitable (and unsuitable) extinguishing media**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** No information available.

**Special protective equipment and precautions for fire-fighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Avoid inhalation. If you spill a large volume of toner, contact your local representative or call center for special handling.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.
<b>Environmental precautions</b>	
<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** Get rid of fire sources. Use a broom or a wet cloth to wipe off spilled toner. (It may catch fire by electric sparks inside the vacuum cleaner and cause explosion.).

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Precautions to prevent secondary hazards**

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**SECTION 7: Handling and storage****Precautions for safe handling**

**Advice on safe handling** None required when used as intended in our equipment. Do not incinerate toner or a toner cartridge. Do not disassemble a cartridge.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep in our designated packaging materials.

**Incompatible materials** None known based on information supplied.

**SECTION 8: Exposure controls and personal protection****Control parameters****Exposure Limits**

Chemical name	Malaysia	ACGIH TLV
Carbon black	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter

**Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering controls** None required when used as intended in our equipment.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** No information available.

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

<b>Appearance</b>	Powder	<b>Color</b>	black
<b>Physical state</b>	Solid	<b>Odor threshold</b>	No information available
<b>Odor</b>	Slight.		

<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>pH</b>	No data available	None known
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known

<b>Flash point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Upper/lower flammability or explosive limits</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Insoluble	None known
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Other information</b>		
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	
<b>Molecular weight</b>	No information available	
<b>VOC Content (%)</b>	No information available	

## SECTION 10: Stability and reactivity

### Reactivity

**Reactivity** Stable under normal conditions..

### Chemical stability

**Stability** Stable under normal conditions.

### Explosion data

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### Conditions to avoid

**Conditions to avoid** None known based on information supplied.

### Incompatible materials

**Incompatible materials** None known based on information supplied

### Hazardous decomposition products

**Hazardous decomposition products** None known based on information supplied.

## SECTION 11: Toxicological information

### Information on the likely routes of exposure

<b>Inhalation</b>	No information available
<b>Ingestion</b>	No information available
<b>Skin contact</b>	No information available
<b>Eye contact</b>	No information available

### Symptoms related to the physical, chemical and toxicological characteristics

No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

No information available

**Acute toxicity - Oral  
LD50**

Standard	Lower	Upper	Test conditions
	2000mg/kg		Rat

**Acute toxicity - Dermal** No information available

**Skin corrosion/irritation**

Standard	PCI	Test conditions
Non-irritant or Mild skin irritation		Rabbit

**Serious eye damage/eye irritation**

Standard	Test conditions
Non-irritant or Mild skin irritation	Rabbit

**Skin sensitization**

Standard	Sensitization concentration	Test conditions
Negative		

**Germ cell mutagenicity  
Ames**

Negative

**Carcinogenicity**

Not classified as mixture

**Numerical measures of toxicity**

No information available

**SECTION 12: Ecological information****Ecotoxicity****Algae EC50**

Standard	Lower	Upper	Test conditions
	100 mg/L		72h

**Daphnia EC50**

Standard	Lower	Upper	Test conditions
	100 mg/L		48h

**Fish LC50**

Standard	Lower	Upper	Test conditions
	500 mg/L		96h

**Persistence and degradability**

**Persistence and degradability** No information available

**Bioaccumulative potential**

**Bioaccumulation** No information available

**Mobility**

**Mobility in soil** No information available

**Other adverse effects**

**Other adverse effects** No information available

**SECTION 13: Disposal information****Disposal methods**

**Waste from residues/unused products** No information available

**Contaminated packaging** Do not reuse empty containers.

**SECTION 14: Transportation information**

UN number	Not applicable
Proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Subsidiary hazard class	Not applicable
Packing group	Not applicable
ERG Code	Not applicable

**IMDG**

Marine pollutant:	Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
EmS-No.:	Not applicable
Packing instruction:	Not applicable

**IATA**

Passenger and Cargo Aircraft:	Not applicable
Cargo Aircraft Only:	Not applicable

**Special precautions which a user needs to be aware of, or needs to comply with, in connection either within or outside their premises**

Special precautions for user: Please refer to the applicable dangerous goods regulations for additional information

**SECTION 15: Regulatory information****Safety, health and environmental regulations specific for the product in question****National regulations****Malaysia - Applicable regulations:****OSHA (Occupational Safety and Health Act) 1994 and relevant regulations**

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations  
Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations  
See section 8 for national exposure control parameters.

**Factories and Machinery Act 1967 and relevant regulations Not applicable**

**Environmental Quality Act 1974 and regulations Not applicable**

**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable**

**The Stockholm Convention on Persistent Organic Pollutants Not applicable**

**The Rotterdam Convention Not applicable**

**SECTION 16: Other information**

**Date of preparation of the SDS** 16-Dec-2020

**Date of revision of the SDS** 22-Dec-2020

**Key or legend to abbreviations and acronyms used in the safety data sheet**

X - Listed

Legend Section 8: Exposure controls/personal protection

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TWA Ceiling	TWA (time-weighted average) Maximum limit value	STEL *	STEL (Short Term Exposure Limit) Skin designation
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**Key literature references and sources for data used to compile the SDS**

**ICOP** - The Industry Code of Practice on Chemical Classification and Hazard Communication  
Malaysia, Occupational exposure limits

**ACGIH** - American Conference of Governmental Industrial Hygienists

**IARC** - International Agency for Research on Cancer  
The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)  
Evaluation data of the mixture of FUJIFILM Corporation (Safety Evaluation Center)

**Disclaimer**

**The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.**

**This SDS applies to the product below.**

CT201068

**End of Safety Data Sheet**