

Yellow Toner For KM-C2030, KM-C3130

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TK6214

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Composition/Information on Ingredients

Hazardous Components	OSHA PEL	ACGIH TLV	NOHSC	%
Chemical Identity, Common Name/s)				
(Non Hazardous Ingredients)				
Styrene-acrylate copolymer	Not listed	Not listed	Not listed	80-90
Wax	Not listed	Not listed	Not listed	10-20
Organic pigment	Not listed	Not listed	Not listed	1-10
86-9) Amorphous silica	Not listed	Not listed	Not listed	1-10
Titanium compound	Not listed	Not listed	Not listed	1-10

Hazards Identification

Not classified as dangerous.(1999/45/EC)

Hazards and Effects of the Products

- Health This toner is not classified as a human carcinogen.
No symptoms expected with intended use.
- Environment No data is available on the adverse effects of this product on the environment
None
- Explosions Dust explosion(like most finely divided organic powders).

Overexposure No symptoms expected with intended use.

Eye contact, inhalation, ingestion

Remove from exposure to fresh air. Seek medical treatment.
Wash with soap and water. If irritation does occur, seek medical treatment.
Do not rub eyes. Flush thoroughly with water and seek medical treatment.
Do not attempt to manually remove anything stuck to eye(s).
Ingestion is not applicable route of entry for intended use.
If irritation or discomfort occurs, seek medical treatment immediately.

Fire Fighting Measures

Media Water, Foam, CO₂ or Dry Chemical.

Media To Avoid Full water jet.

Fighting Procedures None.

Firefighters Use self-contained breathing apparatus (SCBA).

Special Hazards If dispersed in the air, like most finely divided organic powders, may form an explosive mixture.

Accidental Release Measures

Precautions No special precaution.

Precautions No special precaution.

Cleaning Up Wipe off with paper or cloth. Do not use vacuum cleaner when a large amount released. It, like most finely divided organic powders, may create a dust explosion hazard.

Handling and Storage

Precautions Try not to disperse the particles. Avoid inhalation, ingestion, skin or eye contact. Keep away from children.

Storage Store in a cool, dry and dark place. Keep container closed.

Special Products None

Exposure Controls/Personal Protection

Respirators See Section 2

Personal Protective Equipment(s) None required under normal use.

Hand Protection None required under normal use.
For use other than normal customer-operating procedures (such as bulk to processing facilities), goggles and respirators may be required.

Hygiene Measures Wash hands after handling.

Exposure Limits (As total dust) OSHA-PEL(USA) 15mg/m³ ACGIH-TLV(USA) 10mg/m³
DFG-MAK (GER) 4mg/m³ Worksafe-TWA(Austl.) 10mg/m³

	Solid, Yellow fine powder
	Odorless
	6.5
nt	Not applicable
	No data available
	125°C
	Not applicable
emperature	No data available
roperties	No data available
e	Not applicable
)	1.2
ter	Negligible
erties	No data available
ent (n-Octanol/Water)	Not applicable

Stability and Reactivity

Stability	Stable
Composition Products	Dust explosion, like most finely divided organic powders.
void	Electric discharge, throwing into fire.
oxid	Oxidizing materials.
Composition Products	CO, CO ₂

Toxicological Information

From Exposure	No symptoms expected with intended use.
LD ₅₀ (mg/l)	>4.80(rat,4hour)(Based on data for other products with similar ingredients.) This was the highest attainable concentration.
LD ₅₀ (mg/kg)	>2,000(rat)(Based on data for other products with similar ingredients.)
mg/kg)	No data available.
n	Minimal irritant(rabbit)(Based on data for other products with similar ingredi
n	Non-irritant(rabbit)(Based on data for other products with similar ingredient
ation	Non sensitizater(guinea pig)(Based on data for other products with simila
	Ames Test is Negative.(Based on data for other products with similar ingre

Short or Long Term Toxicity

Inhalation of excessive dust may cause lung damage. It is attributed to "lung overloading", a generic term for excessive amounts of any dust retained in the lungs for a prolonged interval. Use of this product, under normal conditions, does not result in the inhalation of excessive dust.

In a study by chronic inhalation exposure to a typical toner, a mild to moderate degree of lung fibrosis was observed in 2% of the rats in the high concentration (16mg/m³) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4mg/m³) exposure group. But no pulmonary change was observed in the lowest (1mg/m³) exposure group, the most relevant level to potential human exposures.

Graphs	Not Listed
	Not Listed
Registered(USA)	Not Listed

able on the adverse effects of this material on the environment.

Disposal Considerations

Disposal Dispose/incinerate in accordance with local, state and federal regulations. Do not throw toner cartridge or toner into an open flame. The hot toner may cause burns or other damage.

Transport Information

Conditions None

Code and Classifications According to International Regulations
None

Regulatory Information

Information on the label not required.

(Substances Control Act) All chemical substances in this product comply with all applicable rules or order under

(Clean Air Act Amendments and Reauthorization Act) Title III

Hazardous Substance None

Reportable Categories/313 Reportable Ingredients: None

California Proposition 65 This product contains no chemical substances subject to California Proposition

Information on the label (1999/45/EC and 67/548/EEC)

Labeling Information Not required

Not required

Not required

All chemical substances in this product comply with all applicable rules or orders under Directive 1999/45/EC.

Directive 1999/45/EC is not applicable to this product.

Other Information

Fire Rating: The National Fire Protection Agency (USA)

Flammability: 1 Reactivity: 0

Fire Rating: The National Paint and Coating Association (USA)

Flammability: 1 Reactivity: 0

Uses Toner for Electrophotographic Equipment

This data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions. However, neither Kyocera Mita Corporation nor any of its subsidiaries assumes any liability whatsoever for the completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. If hazards are described herein, we do not guarantee that these are the only hazards which exist.

End of MSDS
