

## Product Information Sheet

### 1. Article and Corporate Identification

**Product:** Epson Standard Capacity toner cartridge (Yellow) S050230

**Distributor:** EPSON AUSTRALIA PTY. LTD.,  
A.B.N. 91 002 625 783  
3 Talavera Road  
NORTH RYDE. NSW 2113  
Tel (02) 8899 3666  
**Contact:** Customer Satisfaction Manager

EPSON NZ Ltd  
Level 4, Epson House  
245 Hobson Street  
AUCKLAND. 1001  
Tel (09) 366 6855  
**Contact:** National Technical Manager

**Medical Emergency Number:** Not available

### 2. Composition Information

*This toner is a preparation.*

Composition	CAS No.	% By Weight
Yellow toner	–	100 %

### 3. Hazard Identification

**3.1 Physical and Chemical Hazard:** There are no significant hazards associated with this product.

**3.2 Adverse Human Health Effects:** No symptoms expected with intended use.

**3.3 Environmental Effects:** No data available

### 4. First Aid Measures

**4.1 Eyes:** Immediately flush with a large amount of water for at least 15 minutes. If irritation persists, get medical attention.

**4.2 Skin:** Wash with soap and water.

**4.3 Inhalation:** Remove to fresh air. Rinse mouth with a large amount of water. If cough or other symptoms develop, get medical attention.

**4.4 Ingestion:** Rinse mouth with water. Give several glasses of water to drink. If necessary, get medical attention.

## 5. Fire Fighting Measures

- 5.1 *Flammable Properties:* This material has no unusual fire or explosive hazards.
- 5.2 *Extinguishing Media:* Water spray, form or dry chemical.
- 5.3 *Fire Fighting Instructions:* Be careful not to disperse into air.
- 5.4 *Fire and explosion hazards:* If dispersed in air, like most finely divided organic powders, may form an explosive mixture.

## 6. Accidental Release Measures

- 6.1 *Personal protections:* Not applicable under intended use.
- 6.2 *Methods for cleaning up:* Wipe off with cloth and be careful not to disperse into air. Do not use a vacuum cleaner when released a large amount.

## 7. Precautions for Safe Handling and Use

- 7.1 *Handling:* Do not incinerate toner or a toner cartridge. **Do not dismantle a cartridge.** Avoid dispersing toner.
- 7.2 *Storage:* Keep in cool, dry and well-ventilated area. Keep out of reach of children.

## 8. Exposure Controls and Personal Protection

- 8.1 *Engineering Controls:* No specific controls are needed.
- 8.2 *Exposure Controls:* ACGIH-TLV(USA) : 10mg/m<sup>3</sup>  
OSHA(USA) : 15mg/m<sup>3</sup>  
DFG-MAK(EU) : 6mg/m<sup>3</sup>  
Worksafe-TWA(Austl) : 10mg/m<sup>3</sup>
- 8.3 *Personal Protection:* None required when cartridges are used as intended

## 9. Physical and Chemical Properties of Ink Formulation

<i>Appearance:</i>	Yellow powder
<i>Odor:</i>	Odorless
<i>Boiling point:</i>	Not applicable
<i>Vapor pressure</i>	No data available
<i>Melting point:</i>	No data available
<i>Solubility in water:</i>	Insoluble
<i>Specific gravity:</i>	1.2 at 20°C
<i>Flash point:</i>	Does not detect
<i>Auto-Ignition Temperature:</i>	No data available
<i>Explosion limit:</i>	No data available
<i>Other data:</i>	None

## 10. Stability and Reactivity

<i>Stability and Reactivity:</i>	Stable under condition of use
<i>Spontaneous combustibility/Reactivity with water:</i>	None
<i>Self-reactivity/Explosive:</i>	None
<i>Dust explosion:</i>	Like most organic materials in powder form, it can form explosive mixtures when dispersed in air.
<i>Other Data:</i>	None

## 11. Toxicology and Health Hazards

\*Based on toxicology data of chemically similar material.

### Acute Health Hazards:

Toxicity Data:	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalant LC <sub>50</sub>
	No data available	No data available	No data available

*Skin corrosive:* None\*

*Irritation Skin:* No data available  
*Eye:* No data available

*Skin sensitization:* No data available

*Mutagenicity:* No data available

*Carcinogenicity:* Not classified as "Carcinogens".

*Reproduction and Development:* Not classified as "Reproductive and Development chemicals".

### Chronic toxicity of long term toxicity :

Prolonged inhalation of excessive dust may cause lung damage. It is attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged interval. Use of this product, as intended, does not result in inhalation of excessive dust.

In a study in rats by chronic inhalation exposure to a typical toner, a mild to moderate degree of lung fibrosis was observed in 92% of rats in the high concentration (16mg/m<sup>3</sup>) exposure group, and a minimal to mid degree of fibrosis was noted in 22% of the animals in the middle (4mg/m<sup>3</sup>) exposure group. But no pulmonary change was reported in the lowest (1mg/m<sup>3</sup>) exposure group, the most relevant level to potential human exposures.\*

## 12. Ecological Information

*Biodegradability:* Not available.

*Bioaccumulation:* Not available.

*Acute Toxicity:* Not available

*Other information:* None

## 13. Disposal Considerations

Disposal should be in accordance with national and local requirements.

## 14. Transportation Information

No hazardous classification



## 15. Regulatory Considerations

All components of this ink are compliant with TSCA chemical inventory regulations

## 16. Other Information

*This “Product Information Sheet” contains health, safety, and environmental information. It does not replace any precautionary language or use and disposal information which accompanies the product. The information contained herein is believed to be accurate at the time of preparation, but should only be used as a guide. It is subject to revision from time to time. EPSON does not warrant the completeness or accuracy of the information contained herein.*

*In consideration of our environment and world neighbors, all genuine EPSON toner cartridges are engineered and based on an “Ecologically Friendly” technology. EPSON toner cartridges contain no CFCs or harsh liquid solvents.*