



# Taniguchi Ink (Canada) Co. Ltd.

## Material Safety Data Sheet

Prepared on: March 18, 2010

Prepared by: Francis Passmore

### Hazard Ratings

Minimal	1
Slight	2
Moderate	3
Serious	4
Severe	5

Health 2

Inflammability 2

Reactivity 1

### Section I – Product Information

<b>Trade Name:</b>	Pantone 875 Gold	<b>Manufactured by:</b>	Ekart GmbH & Co. KG Gunterstahl Factory Velden, Germany D91235
<b>Product Usage:</b>	Printing Ink	<b>Supplied by:</b>	Taniguchi Ink (Canada) Co. Ltd. 7615 Kimbel Street, Unit 7 Mississauga, ON L5S 1A8
<b>W.H.M.I.S. Classification:</b>	Not controlled	<b>Address:</b>	7615 Kimbel Street, Unit 7 Mississauga, ON L5S 1A8
		<b>Telephone:</b>	905-677-8900
		<b>Fax:</b>	905-677-7551
		<b>Emergency Contact:</b>	416-918-1338

### Section II – Hazardous Ingredients

Ingredient	C.A.S. Number	Concentration (% Weight)	DL50 (oral)	Toxicology CL/50(inhalation)	TLV
Hydroquinone	123-31-9	< 0.5	Not available	Not available	Not available
Copper	7440-50-8	30 – 45	Not available	Not available	Not available
Zinc	7440-66-6	2 – 15	Not available	Not available	Not available
Steric Acid	57-11-4	0.5 – 2	Not available	Not available	Not available

### Section III – Physical Characteristics

<b>Physical State:</b>	Liquid	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	Not available
<b>Appearance:</b>	Gold metallic viscous paste	<b>Vapour Pressure:</b>	Not available
<b>Odour:</b>	Resinous	<b>Vapour Density (Air = 1):</b>	Not available
<b>pH:</b>	N/A	<b>Boiling Point (°C):</b>	210 - 310
<b>Water Solubility:</b>	N/A	<b>% Volatile per volume:</b>	5 - 10
<b>Rate of Evaporation:</b>	N/A	<b>Freezing Point</b>	Not Available

### Section IV – Fire and Explosion Data

<b>Flash Point:</b>	>200°C
<b>Inflammability:</b>	Not flammable under normal conditions
<b>Limits of inflammability:</b>	N/A
<b>Extinguishing media:</b>	Foam, carbon dioxide (CO <sub>2</sub> ), water mist or dry chemical powder
<b>Special fire fighting procedures:</b>	Wear a respirator
<b>Unusual fire and explosion hazards :</b>	May produce dense smoke
<b>Dangerous by-products of combustion:</b>	Oxides of carbon (CO, CO <sub>2</sub> ), oxides of nitrogen, organic vapours

### Section V – Reactivity Data

<b>Stability:</b>	Stable: <input checked="" type="checkbox"/> Instable:
<b>Conditions to avoid:</b>	Direct Heat, high temperatures
<b>Incompatibility</b>	Strong oxidising agents, mineral acids
<b>Dangerous products of decomposition:</b>	Oxides of carbon (CO, CO <sub>2</sub> ), oxides of nitrogen, organic vapours.
<b>Hazardous polymerization:</b>	May Occur:      May Not Occur: <input checked="" type="checkbox"/>
<b>Conditions to avoid:</b>	N/A



# Taniguchi Ink (Canada) Co. Ltd.

## Section VI – Health Hazard Data

<b>Toxicity:</b>	<b>DL50 (oral):</b> Not available <b>DL50 (skin):</b> Not available <b>CL50 (inhalation):</b> Not available		
<b>Methods of absorption:</b>	Eyes, skin		
<b>Effects of overexposure:</b>	Contact with the eyes can cause irritation Contact with the skin can cause irritation Ingestion can cause gastric disturbances and nausea Excessive inhalation can cause headache, dizziness and nausea		
<b>Irritation:</b>	Minimal	<b>Carcinogenicity:</b>	Not known
<b>Limit of exposure:</b>	Not available	<b>Teratogenicity:</b>	Not known
<b>Sensitization:</b>	N/A	<b>Mutagenicity:</b>	Not known

## Section VII – Control Measures

<b>Respiratory protection:</b>	Not required
<b>Ventilation:</b>	Local exhaust recommended
<b>Protective gloves:</b>	Recommended
<b>Eye Protection:</b>	Safety goggles recommended
<b>Other protective equipment:</b>	Coveralls, aprons, boots and other clothing to prevent skin contact.

## Section VIII – Emergency and first aid measures

<b>Eyes:</b>	Rinse immediately with large quantities of clean water. Consult a physician.
<b>Skin:</b>	Wash affected areas immediately and thoroughly with soap and water. If irritation develops, consult a physician.
<b>Ingestion:</b>	If swallowed, drink a lot of water. Do not induce vomiting. <b>Consult a physician immediately.</b>
<b>Inhalation:</b>	Move to fresh air. Assist in breathing if necessary, and <b>consult a physician immediately.</b>

## Section IX – Spill and disposal procedures

<b>Spill and leak procedures:</b>	This is not a regulated product. Spills should be contained, absorbed, and placed in suitable containers for disposal in a licensed facility and in accordance with local, state/provincial and federal laws. Wash contaminated surfaces with an appropriate and approved printer wash.
<b>Waste Disposal Method:</b>	Incinerate or bury at a licensed facility. Do not discharge into waterways or sewer systems.
<b>Other precautions:</b>	For industrial use only. Do not place in an unmarked container. Do not eat.

## Section X – Information on the preparation of this MSDS

The technical information and the recommendations contained herein are based on standard production and are considered true and accurate as of the date of publication. They are offered solely for the consideration of our customers. There is no guarantee, expressed or implied, and Taniguchi Ink (Canada) Co. Ltd. Will not be held responsible for any injuries, losses or damages whether direct, indirect or other, since the use of the product and the conditions of use are out of our control.