



Taniguchi Ink (Canada) Co. Ltd.

Material Safety Data Sheet

Prepared on: March 18, 2010

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Hazard Ratings

Minimal	1
Slight	2
Moderate	3
Serious	4
Severe	5

Health 2

Inflammability 2

Reactivity 1

Section I – Product Information

Trade Name:	Pantone 871 Gold	Manufactured by:	Ekart GmbH & Co. KG Gunterstahl Factory Velden, Germany D91235
Product Usage:	Printing Ink	Supplied by:	Taniguchi Ink (Canada) Co. Ltd. 7615 Kimbel Street, Unit 7 Mississauga, ON L5S 1A8
W.H.M.I.S. Classification:	Not controlled	Address:	7615 Kimbel Street, Unit 7 Mississauga, ON L5S 1A8
		Telephone:	905-677-8900
		Fax:	905-677-7551
		Emergency Contact:	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

Physical State:	Liquid	Specific Gravity (H₂O = 1):	Not available
Appearance:	Gold metallic viscous paste	Vapour Pressure:	Not available
Odour:	Resinous	Vapour Density (Air = 1):	Not available
pH:	N/A	Boiling Point (°C):	210 - 310
Water Solubility:	N/A	% Volatile per volume:	5 - 10
Rate of Evaporation:	N/A	Freezing Point	Not Available

Section IV – Fire and Explosion Data

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

Section V – Reactivity Data

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



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Section VI – Health Hazard Data

Toxicity:	DL50 (oral): Not available	DL50 (skin): Not available	CL50 (inhalation): Not available
Methods of absorption:	Eyes, skin		
Effects of overexposure:	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		
Irritation:	Minimal	Carcinogenicity:	Not known
Limit of exposure:	Not available	Teratogenicity:	Not known
Sensitization:	N/A	Mutagenicity:	Not known

Section VII – Control Measures

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

Section VIII – Emergency and first aid measures

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

Section IX – Spill and disposal procedures

Spill and leak procedures:	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.
Waste Disposal Method:	Incinerate or bury at a licensed facility. Do not discharge into waterways or sewer systems.
Other precautions:	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.