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Roller Ball **Black Ink**Material Safety Data Sheet
Emergency Telephone Number(24Hrs)

Date: Apr. 12. 2010

1.0 Identification of the Substance/Preparation and of the company/undertaking				
1.1	Product Name	Roller Ball Black Ink (QTN4)		
1.2	Intended use	Roller Ball Black Ink for use in writing instruments.		
1.3	Supplier/Manufacturer Address	Yafa A Pen Company 21306 Gault Street, Canoga Park, California, 91303, USA Email: kattyuganova@yafa.com Phone: +1 818 704 8888		
1.4	24Hr Emergency Tel: Daytime Tel:			
	Fax Number			
	e-mail			
2.0 Hazards Identification				
2.1	Emergency Overview	Black aqueous liquid Ink with slight odor.		
2.2	Potencial Health Effect	Eye :May cause irritation. Skin contact :Essentially nonirritating to skin. Ingestion :Oral toxicity is low. Inharation :n. av.		
3.0 Composition/Information On Ingredients				
	Contains:	EINECS	CAS	ConC'n% Remarks
	Cl. Direct Black 154	259-355-7	54804-858	< 8%
	1, 2, 3, -Propanetriol	200-285-5	56-81-5	< 12%
	Polyethylene glycol #400	no information	25322-68-3	< 17%
	Ptassium (Z)-oleate	205-590-5	143-18-0	< 0.6%
	Polyoxyethylene alkylphenylether phosphate	—	51811-79-1	< 0.3%
	Polyoxyalkylene alkyl ether	—	68439-51-0	< 0.3%
	1, 2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	< 0.3%
	1H-benzoriazole	202-394-1	95-14-7	< 0.3%
	Non ionic surfactants	Private, closed	Private, closed	< 0.3%
	Mineral oil mixture	Private, closed	Private, closed	< 0.7%
	Polyoxyethylene methylpolysiloxar copolymerization	Private, closed	Private, closed	< 0.2%
	Water	—	—	< 60.0%
4.0 First Aid Measures				
4.1	Skin Contact	Wash with soap and water or mild detergent. Get medical attention if irritation develops.		
4.2	Eye Contact	Immediately flash eyes with plenty of water for at least 15minutes. Get immediate medical attention.		
4.3	Inhalation	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.		
4.4	Ingestion	Rinse the mouth well and take a medical attention immediately.		

5.0 Fire-Fighting Measures		
5.1	Hazard	Flash point is not determined
5.2	Extinguishing Media	Water spray, waterfog, fire extinguisher.
5.3	Hazard Combustion Products	No information available
5.4	Protective Equipment	No information available
5.5	Additional Information	No information available
6.0 Accidental Release Measures		
6.1	Personal Precautions	Avoid contact with skin, eyes and clothing.
6.2	Environmental Precautions	Do not discharge into the drains, surface waters or ground water.
6.3	Method of Clean Up	Small spills: Wipe off with cloth or paper. Large spills: Dike spills and dispose of in safe area.
7.0 Handling and Storage		
7.1	Handling	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse.
7.2	Storage	Inside storage should be in a cool well-ventilated locations. Keep away from heat, steam pipe or direct sunlight. Keep container tightly closed.
8.0 Exposure Controls/Personal Protection		
8.1	Engineering Controls	Good general ventilation should be sufficient for most conditions.
8.2	Personal Protection Respiratory Protection Hand Protection Eye Protection Skin Protection	Usually not required Required Required Required
9.0 Physical and Chemical Properties		
	Appearance Odor pH Boiling Point/Range Melting Point/Range Decomposition Temperature Flash point Flammable(Explosive)Limits Autoignition Temperature Flammability Explosive Properties Oxidizing Properties Vaper pressure Vaper density(Air=1) Density/Specific Gravity Water Solubility Fat Solubility Partition Coefficient(n-Octanol/Wa Percent Volatile Evaporation Rate Viscosity	Black liquid Almost odorless 7.0~9.0 100 °C 0 °C No information available Not determined Not determined Not determined None None None Same as water Same as water 1.080~1.090g/cm ³ Soluble Insoluble Not determined No information available No information available 3.0~5.0mPa.s

10.0 Stability and Reactivity			
10.1	Conditions to Avoid	Considered a stable product	
10.2	Materials to Avoid	Incompatible materials, dust generation, excess heat, strong oxidants	
10.3	Hazardous Decomposition	CO, CO ₂ , and NO _x	
11.0 Toxicological Information			
11.1	Acute Toxicity	Inhalation	No information available
		Ingestion	No information available
		Skin	No information available
		Eye	No information available
11.2	Sensitization	No information available	
11.3	Mutagenicity	No information available	
11.4	Reproductive Toxicity	No information available	
11.5	Carcinogenicity	No information available	
11.6	Others	No information available	
12.0 Ecological Information			
12.1	Mobility	No information available	
12.2	Persistence/Degradability	No information available	
12.3	Bio-accumulation	No information available	
12.4	Ecotoxicity	No information available	
12.5	Other Adverse Effects	No information available	
13.0 Disposal Consideration			
	Waste must be disposal of in accordance with federal, state and local regulation. Do not discharge into the drains, surface waters or ground water.		
14.0 Transport Information			
14.1	UN No	None	
14.2	UN Shipping Name:	None	
14.3	Classification	None	
14.4	Packing Group	None	
14.5	Marine Pollutant	None	
14.6	Special Precaution	Keep container closed, Avoid rough handling or dropping	
15.0 Regulatory Information			
	Xi : Irritating	Risk phraes R 22 Harmful if swallowed	
	Xn : Harmful	Risk phraes R 22 Harmful if swallowed	
16.0 Other Information			
	None		