



ATT: MARY

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072 HIMS H-3, F-2, R-1



IDENTITY (As Used on Label and List) **INK MAGIC** *Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

Section I

Manufacturer's Name Royaltone Co. Inc.	Emergency Telephone Number 918-663-9666
Address (Number, Street, City, State, and ZIP Code) 9504 E 55th St. Tulsa OK 74145	Telephone Number for Information 918-622-6677
	Date Prepared 4/14/04
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
CAS 108-21-4 Isopropyl Acetate	310PPM	250PPM		(solution)

Section III — Physical/Chemical Characteristics

Boiling Point (760mmHg)	253	Specific Gravity (H ₂ O = 1) (39°F)	0.83
Vapor Pressure (mm Hg.) (20°C)	0.96	Melting Point (70°F)	98
Vapor Density (AIR = 1) (75°F)	4.30	Evaporation Rate (Butyl Acetate = 1) (120°F)	0.4
Solubility in Water (50°F)	100%		
Appearance and Odor	clear pale yellow liquid; fruity, sweet musty odor		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 143°F closed cup	Flammable Limits	LEL 1.3	UEL 8.5
Extinguishing Media	use dry chemical, alcohol, foam or CO2		
Special Fire Fighting Procedures	self contained breathing apparatus in close proximity to fire		
Unusual Fire and Explosion Hazards	oxides of nitrogen and sulphur possible in thermal decomposition.		

INK MAGIC

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	avoid heat, sparks and open flame

Incompatibility (Materials to Avoid) acids, alkalis, oxidizing or reducing materials/

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	none

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (Acute and Chronic) no specific information available

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

This material is not considered to be a carcinogen by NTP, IARC or OSHA

Signs and Symptoms of Exposure
 prolonged or repeated exposure by breathing very high concentrations may cause headache, nausea, vomiting, dizziness and possibly narcosis

Medical Conditions Generally Aggravated by Exposure none reported

Emergency and First Aid Procedures
 EYE: flush eyes with running water for 15 min. OVEREXPOSURE BY INHALING: remove to fresh air, artificial respiration if not breathing.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
 eliminate all sources of ignition, mop or wipe up

Waste Disposal Method
 dispose of in DOT approved containers.

Precautions to Be Taken in Handling and Storing Keep away from heat and open flame, keep container closed

Other Precautions none

Section VIII — Control Measures

Respiratory Protection (Specify Type) none normally needed.

Ventilation	Local Exhaust use with adequate ventilation	Special air supplied mask in small unventilated room
	Mechanical, (General) maintain emission below the PEL	Other none

Protective Gloves none normally needed Eye Protection face shield if fear of splattering

Other Protective Clothing or Equipment use plastic gloves in very prolonged use

Work/Hygienic Practices same as with other chemicals used in workplace