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222 Deco Fabric

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

IDENTITY (As Used on Label and List)

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 UCHIDA OF AMERICA, CORP.	Emergency Telephone Number (310) 793-2200
Address (Number, Street, City, State, and ZIP Code) 3535 DEL AMO BLVD, TORRANCE, CA 90503	Telephone Number for Information (310) 793-2200
Chemical Name WATER BASED PIGMENT INK	Date Prepared JAN. 1, 2000
Chemical Family WATER BASED INK	Trade Name #222 DECO FABRIC MARKER

Section II-Hazardous Ingredients/Identity Information

Components (Chemical or Common Name(s))	(CAS No.)	OSHA PEL	ACGIH (TWA) ppm	Other limits LD ₅₀ mg/kg	% (optional)
ETHYL ALCOHOL	(64-17-5)		1,000	13,700	2.57
ISOPROPYL ALCOHOL	(67-63-0)		400	5,840	1.02
N-PROPYL ALCOHOL	(71-23-8)		200		0.01
ACRYLIC ACID POLYMERS	(9003-01-4)				4.5
PIGMENT WHITE 19	(1332-58-7)				4.5
PIGMENT WHITE 6	(13463-67-7)			12,000 <	7.2
PIGMENT RED 170	(2786-76-7)				10.8
WATER	(7732-18-5)				69.31
BENZISOTHIAZOL	(2634-33-5)				0.09

Section III-Physical/Chemical Characteristics

Boiling Point 100 °C	Specific Gravity (H ₂ O = 1) 1.1	Auto-ignition temp. n.d.
Vapor Pressure (mm Hg.) n.d.	Melting Point <0°C	pH in concentrate 8 ~ 8.8
Vapor Density (AIR = 1) n.d.	Evaporation Rate (Butyl Acetate = 1) ≪ 1	
Solubility in Water SOLUBLE		
Appearance and Odor RED COLOR INK WITH NO SPECIAL ODOR		

Section IV-Fire and Explosion Hazard Data

Flash Point (Method Used) (Closed Cap)	n.a.	Flammable Limits (Vol. %)	LEL	n.a.	UEL	n.a.
Extinguishing Media CO ₂ GAS OR CHEMICAL FORM						
Special Fire Fighting Procedures	n.a.					
Unusual Fire and Explosion Hazards	n.a.					

SECTION V • HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE n.d.

EFFECTS OF OVEREXPOSURE n.d.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Call a physician. Eyes: Rinse away thoroughly with water.

Skin: Wash off with plenty of water and soap.

SECTION VI • REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

High temperature and Fire sources

INCOMPATIBILITY (Materials to avoid) n.d.

HAZARDOUS DECOMPOSITION PRODUCTS n.d.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

High temperature and Fire sources

SECTION VII • SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Take up with absorbent materials.

WASTE DISPOSAL METHOD

Dispose in accordance with local regulations.

SECTION VIII • SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) n.a.

VENTILATION

LOCAL EXHAUST

Yes

SPECIAL

n.a.

Yes

MECHANICAL (General)

n.a.

OTHER

n.a.

PROTECTIVE GLOVES n.a.

EYE PROTECTION

n.a.

OTHER PROTECTIVE EQUIPMENT n.a.

SECTION IX • SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

• Avoid high temperature (< 40 °C). • Close cap after use.

OTHER PRECAUTIONS n.a.

* Not applicable = n.a.
Not determined = n.d.