MATERIAL SAFETY DATA SHEET

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MSDS-079

Prep	ared to OSHA,	ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards	MSDS Revision: 1.1	MSDS Revision Date: 11/01/2006					
		1. PRODUCT IDE	NTIFICATION						
1.1	Product Name:								
	RAPIDRY	TOP COAT							
1.2	Chemical Name: SOLVENT MIXI	URE							
1.3	Synonyms: NA								
1.4	Trade Names:								
1.5	Product Use: COSMETIC USE ONLY								
1.6	Manufacturer's Name:								
1.7	OPI PRODUCTS, INC. Manufacturer's Address:								
1.8	13034 SATICOY STREET, NO. HOLLYWOOD, CA 91605 USA Emergency Phone:								
	CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300								
1.9	Business Phone:								
	+1 (818) 759-2400 / +1 (800)-341-9999								
	2. HAZARD IDENTIFICATION								
2.1	Azard Identification:								
2.1	Hazard Identification: Flammable liquid. This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC and ADG Code (Australia).								
2.2	Routes of Entry:	Inhalation: YES	Absorption:	YES Ingestion: YES					
2.3	Effects of Exposure			, mg samon , sac					
	INGESTION:	If product is swallowed, may cause nausea, vomitin	g and/or diarrhea and	d central nervous system depression.					
	SKIN & EYES:	Irritating to the eyes. Symptoms of overexposure irritating to skin in some sensitive individuals, especi	-						
	INHALATION: Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of vapors exceeding the levels listed in Section 2 (Composition and Ingredient Information) can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea).								
2.4	Symptoms of Over	-	-						
	Symptoms of skin overexposure in individuals may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering.								
2.5		cts: rate irritation to eyes and skin near affected areas. daches and nausea.	Additionally, high con	ncentrations of vapors can cause drowsiness					
2.6	Chronic Health Eff None known.	ects:							
2.7	Target Organs:	l respiratory system.							
	· · ·								
NIA -	Not Available	ND - Not Dotorminad: NE - Not Established: C - Coil	ing Limit, Coo Cootion 1	14 for Additional Definitions of Torms Used					

NA = Not Available; ND = Not Determined; NE = Not Established; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used NOTE: all WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.

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			3. CO/	MPOSITIOI	N & INGRE	DIENI	INFO	RMATIC	DN NC			
								EXPO	SURE LIMI	ITS IN AIR	(mg/m³)	
						ACGIH - ppm		OSHA - ppm			OTHER	
	CHEMICAL NA	ME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	PEL	STEL	IDLH	
ETHY	L ACETATE		141-78-6	AH5425000	201-550-6	≤ 30.0	400	NE	400	NE	2000	
ISOPROPYL ALCOHOL		L	67-63-0	NT8050000	200-661-7	≤ 25.0	400	500	400	500	2000	
CELLULOSE ACETATE BUTYRATE		9004-60-4	NA	NA	≤ 15.0	NA	NA	NA	NA	NA		
BUTY	L ACETATE		123-86-4	AF7350000	204-658-1	≤ 10.0	150	200	200	200	1700	
PROF	YL ACETATE		109-60-4	AJ3675000	203-686-1	≤ 15.0	200	250	200	NA	NA	
HEPTANE			142-82-5	MI7700000	205-563-8	≤ 5.0	400	NA	500	NA	NA	
ACR	LATES COPOLY	MER	NA	NA	NA	≤ 5.0	NA	NA	NA	NA	NA	
SUCROSE BENZOATE		12738-64-6	NA	NA	≤ 5.0	NA	NA	NA	NA	NA		
TRIPHENYL PHOSPHATE		115-86-6	NA	204-112-2	≤ 5.0	NA	NA	NA	NA	NA		
NITROCELLULOSE		9004-70-0	QW0970000	NA	≤ 5.0	(10)	NE	(10)	NE	NE		
DIBUTYL PHTHALATE			84-74-2	TI0875000	201-557-4	≤ 1.0	(5)	NE	(5)	NE	NE	
CAMPHOR 76-22-2 EX1225000			EX1225000	200-945-0	≤ 1.0	(2)	NE	(2)	NE	NE		
OTHE	R COMPONENTS	S PRESENT IN	LESS THAN 1%	CONCENTRAT	ION	BAL		AINING C ANT ADDI			NOT CONTRI	BUTE AN
4.1	First Aid:			4. FI	RST AID N	NEASU	RES					
	INGESTION:	patient is vonearest Poi	omiting, conti son Control C	e vomiting. If nue to offer w enter or local t of the substai	ater or milk. emergency n	Never gi umber.	ve water Provide a	or milk to	an unco	onscious	person. Co	ntact the
EYES: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.					r at least							
	SKIN:			oduct is on the ap and water.								
	INHALATION:	Remove vic	tim to fresh a	ir at once.								
4.2	Medical Condition	s Aggravated by	y Exposure:					HEA	LTH			1
								FLA	MMAB	ILITY		3
								REA	CTIVIT	Υ		0
								PRO	TECTI	/E EQL	JIPMENT	Α
								EYES				

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.1 MSDS Revision Date: 11/01/2006

5. FIREFIGHTING MEASURES

5.1 Flashpoint & Method:

-4 °C (24 °F) estimated.

5.2 Autoignition Temperature:

NA

5.3 Flammability Limits:

Lower Explosive Limit (LEL):

NE

Upper Explosive Limit (UEL):

NE

4 Fire & Explosion Hazards

WARNING: Flammable! Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed.

5.5 Extinguishing Methods:

HazChem Code: 3YE

Hazard Identification Number: 33 CO₂, Halon, Dry Chemical, Foam

5.6 Firefighting Procedures:

This product is a Class IB flammable liquid. When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container.

First responders should wear eye protection. Structural firefighters must wear SCBAs and full protective equipment. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.



6. ACCIDENTAL RELEASE MEASURES

6.1 Spills

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.

For small spills (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

For spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices

Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

7.2 Storage & Handling

Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10).

7.3 Special Precautions:

Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.1 MSDS Revision Date: 11/01/2006 8. EXPOSURE CONTROLS & PERSONAL PROTECTION 8.1 Ventilation & Engineering Controls When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. 8.2 No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia. 8.3 Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. 8.4 If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states. 8.5 No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. 9. PHYSICAL & CHEMICAL PROPERTIES Density: 0.998 - 1.0008Boiling Point: 9.2 NA 9.3 Melting Point: NE 9.4 Evaporation Rate: 2-3 (Butyl Acetate = 1) 9.5 Vapor Pressure: NA 9.6 Molecular Weight: NE 9.7 Appearance & Color: Clear viscous liquid with ester-like (fruity) odor 9.8 Odor Threshold 9.9 Solubility: Insoluble in water 9.10 NΑ 9 11 Viscosity: > 1200 cPs 9.12 Other Information NA 10. STABILITY & REACTIVITY 10.1 Stable under ambient conditions when stored properly (see Section 7, Storage and Handling). 10.2 Hazardous Decomposition Products: If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxide gases (e.g., CO, CO₂). 10.3 Hazardous Polymerization: May occur, if exposed to extremely high temperatures. This product is incompatible with strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide). 10.5 Incompatible Substances: None known.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.1 MSDS Revision Date: 11/01/2006 11. TOXICOLOGICAL INFORMATION 11.1 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document. 11.2 See Section 2.5 11.3 Chronic Toxicity: See Section 2.6 11.4 Suspected Carcinogen: This product contains Isopropyl Alcohol, which is not carcinogenic to humans but is listed as a Group 3 carcinogen by the IARC. 11.5 Reproductive Toxicity: This product contains Dibutyl Phthalate, a substance known to the State of California to cause reproductive harm (California Proposition 65). Mutagenicity This product is not reported to produce mutagenic effects in humans. Embryotoxicity This product is not reported to produce embryotoxic effects in humans. Teratogenicity This product is not reported to cause teratogenic effects in humans. This product is not reported to cause reproductive effects in humans. 11.6 Irritancy of Product: See Section 2.3 Biological Exposure Indices: 11.7 NF 11.8 Physician Recommendations Treat symptomatically. 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows: Ethyl Acetate: K_{OC} = 0.73. Water solubility: 64,000 mg/l. Bioconcentration Factor = 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours. <u>Butyl Acetate</u>: K_{OC} = 1.82. Water solubility: 120 parts H_2O at 25°C (77°F). Bioconcentration Factor = 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours. Effects on Plants & Animals: 12.2 There are no specific data available for this product. 12.3 Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: 13.1 Waste disposal must be in accordance with appropriate Federal, state, and local regulations. 13.2 U.S. EPA WASTE NUMBER: D001 (characteristic - ignitable)

Wisconsin Hazardous Substances List

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.1 MSDS Revision Date: 11/01/2006 14. TRANSPORTATION INFORMATION The basic description (proper shipping name, hazard class & division, ID Number, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. CONSUMER COMMODITY, ORM-D (≤ 1.0 L) UN1263, PAINT, 3, II (> 1.0 L) 14 2 IATA (AIR) CONSUMER COMMODITY, 9, ID8000 (≤ 0.5 L) UN1263, PAINT, 3, II (> 0.5 L) 14.3 IMDG (OCN) UN1263, PAINT, 3, II, LTD QTY (≤ 1.0 L) ORM-D UN1263, PAINT, 3, II (> 1.0 L) 14.4 TDGR (Canadian GND): MARK PACKAGE "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L) UN1263, PAINT, 3, II (> 1.0 L) 14.5 ADR/RID (FII) UN1263, PAINT, 3, II, ADR, LTD QTY (≤ 1.0 L) MEXICO (SCT): UN1263, PINTURA, 3, II, CANTIDAD LIMITADA (≤ 1.0 L) 15. REGULATORY INFORMATION 15.1 SARA Reporting Requirements: SARA 304 (40 CFR Table 302.4) – Butyl Acetate, Ethyl Acetate 15.2 SARA Threshold Planning Quantity There are no specific Threshold Planning Quantities for the components of this product. 15.3 TSCA Inventory Status The components of this product are listed on the TSCA Inventory. 15.4 CERCLA Reportable Quantity (RQ) Butyl Acetate: 5000 lbs.; Ethyl Acetate: 5000 lbs.; Dibutyl Phthalate: 10 lbs. 15.5 This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. Class B2 Flammable Liquid. 15.7 State Regulatory Information Ingredients in this mixture on found on the following state criteria lists: California OSHA Hazardous Substances List Butyl Acetate, Ethyl Acetate, Isopropanol, Dibutyl Phthalate California Proposition 65 (Reproductive Harm) Dibutyl Phthalate **Delaware Air Quality Management List** Butyl Acetate, Ethyl Acetate, Nitrocellulose, Dibutyl Phthalate Massachusetts Hazardous Substances List Ethanol, Butyl Acetate, Ethyl Acetate, Isopropanol, Dibutyl Phthalate, Camphor, Heptane, Triphenyl Phosphate Michigan Critical Substances List Dibutyl Phthalate Butyl Acetate, Ethyl Acetate, Isopropanol, Dibutyl Phthalate, Minnesota Hazardous Substances List Camphor, Heptane, Triphenyl Phosphate New Jersey Right to Know Hazardous Substances List Isopropanol, Nitrocellulose, Dibutyl Phthalate **New York List of Hazardous Substances** Butyl Acetate, Ethyl Acetate, Dibutyl Phthalate Butyl Acetate, Ethyl Acetate, Isopropanol, Dibutyl Phthalate, Pennsylvania Hazardous Substances List Camphor, Heptane, Triphenyl Phosphate Washington Permissible Exposure Limits for Air Contaminants Butyl Acetate, Ethyl Acetate, Isopropanol, Dibutyl Phthalate,

Heptane, Triphenyl Phosphate

Ethyl Acetate, Dibutyl Phthalate

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15. REGULATORY INFORMATION - continued

15.8 67/548/EEC (European Union) Requirements

The primary component of this product is not listed in Annex I of EU Directive 67/548/EEC:

<u>Ethyl Acetate</u>: Flammable (F). R: 11-36/37/38 – Highly flammable. Irritating to eyes, respiratory system and skin. S: 2-16-23-29-33 – Keep out of the reach of children. Keep away from sources of ignition - No smoking. Do not breathe gas, fumes, vapor or spray. Do not empty into drains. Take precautionary measures against static discharges.

<u>Butyl Acetate</u>: Flammable (F). R: Flammable. S: 9-16-33 - Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.



16. OTHER INFORMATION

16.1 Other Information

EXTREMELY FLAMMABLE! Keep away from heat or flame. Use only as directed. Avoid eye contact. If contact occurs, flush eye thoroughly with running water. Use only in a well-ventilated area. If redness or other signs of adverse reaction occur, discontinue use immediately. Keep container closed. Store in a cool place. **KEEP OUT OF REACH OF CHILDREN.**

16.2 Terms & Definitions:

See last page of this MSDS.

16.3 Disclaimer

This Material Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & OPI Products' knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared for:

OPI Products, Inc. 13034 Saticoy Street No. Hollywood, CA 91605 USA +1 (818) 759-2400 phone +1 (818) 759-5770 fax

 $O \cdot P \cdot I$

16.5 Prepared by:

ShipMate, Inc.

18436 Hawthorne Boulevard, Suite 201 Torrance, CA 90504

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+1 (310) 360-5700 fax

http://www.opi.com/

http://www.shipmate.com/



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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

Cita ita: Citamical i libilitact scritica i tambei	CAS No.	Chemical Abstract Service Number
----------------------------------------------------	---------	----------------------------------

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
TLV	Threshold Limit Value
OSHA U.S. Occupational Safety and Health Administration	
PEL Permissible Exposure Limit	
IDLH	Immediately Dangerous to Life and Health

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person					
	whose heart has stopped receives manual chest					
	compressions and breathing to circulate blood and provide					
	oxygen to the body					

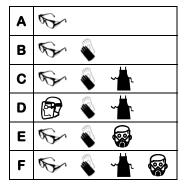
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

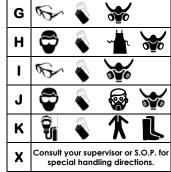
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:







OTHER STANDARD ABBREVIATIONS:

NA	Not Available
NR	No Results
NE	Not Established
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

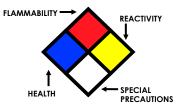
NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:

Autoignition	Minimum temperature required to initiate combustion			
Temperature	in air with no other source of ignition			
LEL	Lower Explosive Limit - lowest percent of vapor in air, by			
	volume, that will explode or ignite in the presence of			
	an ignition source			
UEL	Upper Explosive Limit - highest percent of vapor in air,			
	by volume, that will explode or ignite in the presence of			
	an ignition source			

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
-₩ -	Use No Water
ОХ	Oxidizer



TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o Or TC, TC _o , LC _{Io} , & LC _o	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA U.S. Environmental Protection Agency	
DSL Canadian Domestic Substance List	
NDSL Canadian Non-Domestic Substance List	
PSL Canadian Priority Substances List	
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)

EC INFORMATION:

The state of the s		*	*		9	X	X
С	E	F	N	0	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful