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SAFETY DATA SHEET

Page 1 of 7 SDS-052

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1

SDS Revision Date: 2/8/2016

		1. PRODUCT & COMPANY IDENTIFICATION
1.1	Product Name:	OPI NAIL ENVY SENSITIVE & PEELING NATURAL NAIL STRENGTHENER
1.2	Chemical Name:	Solvent Mixture
1.3	Synonyms:	NA
1.4	Trade Names:	NT T121 – NT T126
1.5	Product Use:	Cosmetic Use Only
1.6	Distributor's Name:	OPI Products, Inc.
1.7	Distributor's Address:	13034 Saticoy Street, No. Hollywood, CA 91605 USA
1.8	Emergency Phone:	CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 16377)
1.9	Business Phone / Fax:	+1 (818) 759-2400 / +1 (818) 759-5776

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification:

This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia).

DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.

Classification: Flam. Liq. 2; Skin Sens. 1; Eye Irrit. 2A; STOT SE 3

<u>Hazard Statements</u> (H): H225 – Highly flammable liquid and vapor. H317 – May cause an allergic skin reaction. H319 – Causes serious eye irritation. H335 – May cause respiratory irritation. H336 – May cause drowsiness or dizziness.

Precautionary Statements (P): P210 – Keep away from heat/sparks/open flame/hot surfaces – No Smoking. P233 – Keep container tightly closed. P243 – Take precautionary measures against static discharge. P261 – Avoid breathing dust/fume/gas/mist/vapors/spray. P264 – Wash exposed skin areas thoroughly with soap and water after handling. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves/eye protection/face protection. P302+P352 – IF ON SKIN: Wash with soap and water. P305+P351+P338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P333+P313 – If skin irritation or a rash occurs – Get medical advice/attention. P321 – For specific first aid treatment (See Section 4 of this Safety Data Sheet). P363 – Wash contaminated clothing before reuse. P370+P378 – In case of fire, CO₂, Halon (if permitted), dry chemical, or foam for extinction. P403+P235 – Store in a well-ventilated place. Keep cool. P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).



3. COMPOSITION & INGREDIENT INFORMATION

					EXPOSURE LIMITS IN AIR (mg/m³)								
					ACC	SIH		NOHSC			OSHA		
					pp	m		ppm			ppm		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
ETHYL ACETATE	141-78-6	AH5425000	205-500-4	30-60	400	400	200	400	NF	NA	NA	2000	400 TWA
EINTLACETATE	Flam. Liq. 2; Ey	e Irrit. 2; STOT S	SE 3; H225, H31	9, H336									
BUTYL ACETATE	123-86-4	AF7350000	204-658-1	10-30	150	200	150	200	NF	200	200	1700	100 NIOSH
BUTTLACETATE	Flam. Liq. 3; S7	TOT SE 3; H226,	H336										
NITROCELLULOSE	9004-70-0	QW0970000	NA	7.0-13	400	400	400	200	NF	NA	NA	2000	400 TWA
NITROCLELOLOSE	Flam. Liq. 2; H2	225											
ETHANOL	64-17-5	KQ6300000	200-578-6	7.0-13	1000	1900	1880	NF	NF	1000	1900	3300	
ETTANOL	Flam. Liq.2, H2	25											
SUCROSE ACETATE ISOBUTYRATE	126-13-6	NA	204-771-6	7.0-13	NA	NA	NA	NA	NA	NA	NA	NA	
ETHYL TOSYLAMIDE	1077-56-1	NA	214-073-3	7.0-13	NA	NA	NA	NA	NA	NA	NA	NA	
ISOPROPANOL	67-63-0	NT8050000	200-661-7	7.0-13	400	500	400	500	NF	400	500	2000	400 TWA
ISOPROPANOL	Flam. Liq. 2; Sk	in Irrit. 3; Eye Irri	t. 2A; STOT SE	3; H225, H	316, H	319							
ADIPIC ACID/NEOPENTYL/GLYCOL	28407-73-0	NA	NA	5.0-10	NA	NA	NA	NA	NA	NA	NA	NA	
TRIMELLITIC ANHYDRIDE COPOLYMER	Skin Sens. 1; H	1317											
TOSYLAMIDE EPOXY RESIN	NA	NA	NA	1.0-5.0	NA	NA	NA	NA	NA	NA	NA	NA	
TOSTLAMIDE EPOXT RESIN													
ALOE BARBADENSIS (ALOE VERA)	85507-69-3	NA	287-390-8	0.5-1.5	NA	NA	NF	NF	NF	NA	NA	NA	
EXTRACT													
HYDROLYZED WHEAT PROTEIN	70084-87-6	NA	NA	0.1-1.0	NA	NA	NF	NF	NF	NA	NA	NA	
THE ROLLED WILL THOTEIN													
CI 602725	81-48-1	CB770000	201-353-5	0.1-1.0	NA	NA	NA	NA	NA	NA	NA	NA	

SAFETY DATA SHEET

Page 2 of 7

SDS-052 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 2/8/2016 4. FIRST AID MEASURES First Aid: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk Ingestion: IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water Eyes: for at least 15 minutes. If irritation occurs, contact a physician. Skin: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately. Inhalation: Remove victim to fresh air at once. 4.2 Effects of Exposure: Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression. Eyes: Irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering. Skin: May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact. Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory Inhalation: system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of vapors exceeding the levels listed in Section 3 (Composition and Ingredient Information) can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea) 4.3 Symptoms of Overexposure Symptoms of skin overexposure in individuals may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering. Mild to moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause 4.4 Acute Health Effects: drowsiness, dizziness, headaches and nausea. Chronic Health Effects: 4.5 None known. Target Organs: 4 6 Eyes, Skin, Respiratory System. 47 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the **HEALTH** 1 Aggravated by Exposure: target organs (eyes, skin, and respiratory system). **FLAMMABILITY** 3 PHYSICAL HAZARDS 0 В PROTECTIVE EQUIPMENT **EYES** SKIN 5. FIREFIGHTING MEASURES DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR! Keep away from heat, lit cigarettes, Fire & Explosion Hazards: 5.1 sparks & open flame. Keep container closed. 52 Extinguishing Methods: CO₂, Halon (if permitted), Dry Chemical, Foam, as authorized. 5.3 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. HazChem Code: 3(Y)E Hazard Identification Number: 33 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 (3.8 L)) 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 large spills (e.g., ≥ 1 gallon (3.8 L)), 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.

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SAFETY DATA SHEET

Page 3 of 7

SDS-052 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 2/8/2016 7. HANDLING & STORAGE INFORMATION 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. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION 8.1 Exposure Limits: ACGIH NOHSC OSHA OTHER ppm (mg/m³) FS-FS. CHEMICAL NAME(S) TLV STEL PEL STEL **IDLH** TWA STEL **PEAK** ETHYL ACETATE 400 400 NA 2000 400 TWA 200 400 NF NA **BUTYL ACETATE** 150 NF 200 200 1700 100 NIOSH 200 200 400 NITROCELLULOSE 400 400 200 NF NA NA 2000 400 TWA **ETHANOL** 1000 1900 1880 NF 1000 1900 3300 ISOPROPANOL 400 TWA 400 500 400 500 NF 400 500 2000 Ventilation & Engineering 8.2 When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Controls Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this 8.4 Eye Protection: product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. 8.5 Hand Protection: AVOID SKIN CONTACT DUE TO SENSITIZING POTENTIAL. 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. AVOID SKIN CONTACT DUE TO SENSITIZING POTENTIAL. However, no special body 8.6 Body Protection: 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
1 Appearance:	Viscous liquid, various colors
2 Odor:	Ester (fruity) odor
3 Odor Threshold:	NA NA
4 pH:	NA
Melting Point/Free	zing Point: NA
6 Initial Boiling Poir Range:	77.2 - 337.8 °C (171 – 640 °F)
7 Flashpoint:	-4 °C (24.8 °F) estimated
8 Upper/Lower Flar Limits:	mability NA
Vapor Pressure:	NA
10 Vapor Density:	NA
11 Relative Density:	NA
12 Solubility:	Insoluble
13 Partition Coefficie	at (log P _{ow}): NA
14 Autoignition Temp	erature: NA
15 Decomposition Te	mperature: NA
16 Viscosity:	>1,200 cPs
17 Other Information	NA

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SAFETY DATA SHEET

SDS Revision: 3.1

Page 4 of 7 SDS-052

SDS Revision Date: 2/8/2016

10. STABILITY & REACTIVITY Stability Stable under ambient conditions when stored properly (See Section 7, Storage and Handling). 10.2 Hazardous Decomposition If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and Products: carbon oxide gases (e.g., CO, CO₂). 10.3 Hazardous Polymerization: May occur, if exposed to extremely high temperatures. High temperatures, direct sunlight, sources of heat and incompatible materials. 10 4 Conditions to Avoid: Incompatible Substances: This product is incompatible with strong oxidizers, (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or 10.5 muriatic acids), nitrates, or strong bases (e.g., lye, potassium hydroxide). 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11.1 Ingestion: YES 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below: Ethyl Acetate: LD_{50} (oral, rat) = 5,620 mg/kg; LD_{50} (oral, mouse) = 4,100 mg/kg; LC_{50} (inh-6h, rat) = 16,000 ppm 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity: See Section 4.5 11.5 Suspected Carcinogen: This product contains Ethyl Acetate and Isopropyl Alcohol, which are not carcinogenic to humans, but are listed as Group 3 carcinogens by the IARC. Reproductive Toxicity: 11.6 This product is not reported to cause reproductive toxicity in humans. 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. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. 11.7 Irritancy of Product: See Section 4.3 11.8 Biological Exposure Indices: NE 11.9 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. environmental data available for the components of this product are as follows: Ethyl Acetate: Koc = 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. Isopropyl Alcohol: Log K_{OW} = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated halflife in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate. 12 2 Effects on Plants & Animals 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 13.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations. 13.2 Special Considerations: U.S. EPA Waste Number: D001 (characteristic - ignitable)

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SAFETY DATA SHEET

Page 5 of 7 SDS-052

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1

SDS Revision Date: 2/8/2016

		14. TRANSPORTATION INFORMATION
		per, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive 9 CFR, IATA/ICAO, IMDG and the CTDGR.
14.1	49 CFR (GND):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L) or CONSUMER COMMODITY, ORM-D – until 01/01/2021
14.2	IATA (AIR):	ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L) UN1263, PAINT RELATED MATERIAL, 3, II (IP VOL ≤ 1.0 L)
14.3	IMDG (OCN):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L)
14.4	TDGR (Canadian GND):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L); or "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L)
14.5	ADR/RID (EU):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L)
14.6	SCT (MEXICO):	UN1263, PRODUCTOS PARA PINTURA, 3, II, CANTIDAD LIMITADA (IP VOL ≤ 1.0 L)
14.7	ADGR (AUS):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L)
* This	product may also be shipped	d as an Excepted Quantity (Inner Package Volume ≤ 30 mL, Total Quantity ≤ 500 mL per Outer Package)
		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product contains <u>Isopropanol</u> , a substance subject to SARA Title III, Section 313 reporting requirements. This product contains <u>Ethyl Acetate</u> , a substance that is subject to SARA Title III, Section 304 reporting.
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):	Ethyl Acetate: 2,270 kg (5,000 lbs); Butyl Acetate: 2,270 kg (5,000 lbs)
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter (Cosmetics).
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the Safety Data Sheet 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. WHMIS B2, D2B (Flammable Liquid, Other Toxic Effects)
15.7	State Regulatory Information:	Butyl Acetate is found on the following state criteria lists: California OSHA Hazardous Substances List (CA), Delaware Air Quality Management List (DE), Massachusetts Hazardous Substances List (MA), New Jersey Right-to-Know List (NJ), New York List of Hazardous Substances (NY), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List for Air Contaminants (WA), Wisconsin Hazardous Substances List (WI). Ethyl Acetate is found on the following state criteria lists: CA, DE, MA, MN, NJ, NY, PA, and WA. Isopropanol is found on the following state criteria lists: CA, MA, MN, NJ, PA, and WA. Nitrocellulose is found on the following state criteria lists: DE, MA, and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: Ethyl Acetate: Flammable (F). Risk Phrases (R): 11-36/37/38 – Highly flammable. Irritating to eyes, respiratory system and skin. Safety Phrases (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. Butyl Acetate: Flammable (F). Risk Phrases (R): Flammable. Safety Phrases (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. Isopropanol: Flammable (F). Risk Phrases (R): 11-36/37 – Highly flammable. Irritating to eyes and respiratory system. Safety Phrases (S): 2-7-16-24/25/26 – Keep out of the reach of children. Keep container tightly closed. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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SAFETY DATA SHEET

Page 6 of 7 SDS-052

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 2/8/2016 16. OTHER INFORMATION DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES 16 1 Other Information: SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. Keep away from heat/sparks/open flame/hot surfaces - No Smoking. Keep container tightly closed. Take precautionary measures against static discharge. Avoid breathing fume/mist/vapors/spray. Wash exposed skin areas thoroughly with soap and water after handling. Avoid eye contact. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If skin irritation or a rash occurs - Get medical advice/attention. Store in a well-ventilated place. Keep cool. Use only as directed. KEEP OUT OF REACH OF CHILDREN. Terms & Definitions: 16.2 See last page of this Safety Data Sheet. 16.3 Disclaimer: This 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's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is 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 ()·P·I No. Hollywood, CA 91605 USA Tel: +1 (818) 759-2400 Fax: +1 (818) 759-5776 http://www.opi.com 16.5 Prepared by: ShipMate, Inc.

SAFETY DATA SHEET

Page 7 of 7 **SDS-052**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1

SDS Revision Date: 2/8/2016

DEFINITION OF TERMS

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

GENERAL INFORMATION:

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

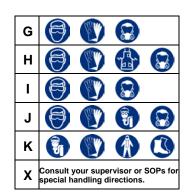
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D	E STATE OF THE STA		
Е			
F		THE THE	











(Cy



Synthetic Apron

Protective Clothing & Full Suit



Full Face Respirator



Dust & Vapor Half-Mask Respirator

Full Face Respirator

Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

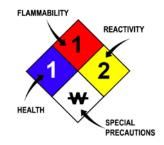
NA	Not Available
NR	No Results
NE	Not Established
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:						
Autoignition Temperature Minimum temperature required to initiate combustion in air with no 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
	01: 1 : 11
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
ОХ	Oxidizer
TREFOIL	Radioactive



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 _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{io} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	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)				
WGK Wassergefährdungsklassen (German Water Hazard Class)					

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

6		(*)	(2)	®	\odot	®		Ř
Class	Α	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compr	ess	Flammabl	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

T.		M	*		*	×	×
С	Е	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammabl e	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

		®	\Diamond			\Leftrightarrow		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment