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SDS-373 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/12/2018 SDS Revision: 1.1 1. PRODUCT & COMPANY IDENTIFICATION Product Name 11 OPI POWDER PERFECTION DIPPING SYSTEM: **CLEAR COLOR SET POWDER COLOR (ALL SHADES)** Chemical Name: 1.2 Synonyms NA DP ### 1.4 Trade Names Professional or Sundry Use Only Product Use: 1.5 1.6 Distributor's Name: OPI Products, Inc. 4500 Park Granada Blvd, Calabasas, CA 91302 USA 17 Distributor's Address: 1.8 Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 16377) 19 Business Phone / Fax: Tel: +1 (818) 999-5112 2. HAZARDS IDENTIFICATION This product is NOT classified as a HAZARDOUS SUBSTANCE or as DANGEROUS GOODS according the 2.1 Hazard Identification: classification criteria of NOHSC: 1088 (2004) and the ADG Code (Australia). The product is a fine powder, and may cause a slipping and falling hazard if spilled. WARNING! MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. Classification: Skin Sens. 1A; Eye Irrit. 2B 2.2 Label Elements Hazard Statements (H): H317 - May cause an allergic skin reaction. H319 Causes serious eye Precautionary Statements (P): P280 - Wear protective gloves/protective clothing/ eye protection/ face protection. P261 – Avoid breathing dusts. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs: Get medical P363 - Wash contaminated clothing before reuse. P501 - Dispose of contents/container through licensed treatment, storage or disposal facility (TSDF). 2.3 Other Warnings: KEEP OUT REACH OF CHILDREN. 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC OSHA ppm ppm ppm RTECS No. TLV STEL STEL EINECS No. PEAK PEL **IDLH** OTHER CHEMICAL NAME(S) CAS No. TWA STEL 9003-42-3 NA NA > 85 NA NA NA NA NA NF NF NF POLYETHYL METHACRYLATE 9011-14-7 TR0400000 201-297-1 0.0-10 (10) NA NF NF NF (10)NA NA POLYMETHYL METHACRYLATE 94-36-0 DM8575000 202-327-6 0.0-1.0 (5) NE (5) NF NF (5) NA 1500 BENZOYL PEROXIDE Org. Perox. B; Skin Sens. 1; Eye Irrit.2, H241, H317, H319 7631-86-9 VV7310000 231-545-4 0.0-0.5 NA NF NF NA NA NA 3000 RESP FRAC SILICA MAY ALSO CONTAIN - (COLORANTS, SHIMMERS & COLOR-BLEND COMPONENTS): 21645-51-2 NA 244-492-7 0.0-6.0 NA NA NF NF NF NA NA NA ALUMINUM HYDROXIDE 7727-43-7 CB7700000 201-353-5 0.0-6.0 NA NA NF NF NF NA NA NA BARIUM SULFATE NA NA 0.0-6.0 NA NA NF NF NF NA NA NA NA BIS(GLYCIDOXYPHENYL) PROPANE/BISAMINOMETHYLNOR-BORNANE COPOLYMER 0.0-6.0 NA NA NF NF 65997-17-3 NA 266-046-0 NF NA NA NA CALCIUM ALUMINUM **BOROSILICATE** Skin Irrit. 2; Eye Irrit. 2A; Carc. 2; STOT-SE 3; H315, H319, H335, H351 5858-81-1 NA 227-497-9 0.0-6.0 NA NA NF NF NF NA NA NA CI 15850 (RED 6) 5281-04-9 VV8760000 NA RESP FRAC 310-127-6 0.0 - 6.0NA NA (2.5) NF NF 30 NA CI 15850 (RED 7) 3567-66-6 NA 222-656-9 0.0-6.0 NA NA NF NF NF NA NA NA CI 17200 (RED 33) XR2275000 1934-21-0 236-675-5 0.0-6.0 NA NA NF NF NF NA NA NA CI 19140 (YELLOW 5) BQ4725000 3844-45-9 223-339-8 0.0-6.0 NA NA NF NF NF NA NA NA CI 42090 (BLUE 1)

548-26-5

CI 45380 (RED 22)

NA

241-409-6

0.0-6.0 NA NA NF NF NF NA NA NA

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PHYSICAL HAZARDS

EYES

PROTECTIVE EQUIPMENT

SKIN

1

В

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or bronchitis.

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5. FIREFIGHTING MEASURES Fire & Explosion Hazards 5 1 Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. 5.2 Extinguishing Methods Carbon Dioxide, Dry Chemical, Water Spray. 5.3 Firefighting Procedures: Keep containers cool until well after the fire is out. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters should wear full face, self-contained breathing apparatus (MSHA/NIOSH approved or the equivalent) and impervious protective clothing. 6. ACCIDENTAL RELEASE MEASURES Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective 6.1 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). 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 <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Transfer material 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 drains, municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION Work & Hygiene Practices: 7.1 Avoid prolonged contact with this material. Limit inhalation of the vapors generated by this product. Use in a wellventilated location (e.g., local exhaust ventilation, fans). Wash exposed skin thoroughly with plenty of soap & water after using this product. Do not eat, drink, or smoke while handling this product. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. Keep away from incompatible materials listed in Section 10. Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. Keep away from children at all times! 7.3 Special Precautions Spilled material may present a slipping hazard if left unattended. Clean all spills promptly **EXPOSURE CONTROLS & PERSONAL PROTECTION** 8.1 Exposure Limits: ACGIH NOHSC OSHA OTHER ppm (mg/m³) ES-ES-CHEMICAL NAME(S) TLV STEL ES-TWA STEL PEAK PEL STEL IDLH POLYMETHYL METHACRYLATE (10)NA NF NF NF (10)NA NA BENZOYL PEROXIDE (5) NE (5) NF NF (5) NA 1500 SILICA NA NA NF NF NF NA NA 3000 **RESP FRAC** CI 15850 (RED 7) NF RESP FRAC NΑ NF NA (2.5)30 NA NA CI 73360 (RED 30) NA NA (2.5)NF NF 30 NA NΑ RESP FRAC MICA 2.5 NF NF NA NA 1500 **RESP FRAC** 8 2 Ventilation & Engineering 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. 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. 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. 8 4 Avoid eye contact. Use approved safety glasses or goggles. Use equipment for eye protection tested Eve Protection: and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or 8.5 Hand Protection: rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the EU member states. No special body protection is required under typical circumstances of use and handling. If necessary, 8.6 Body Protection: refer to appropriate standards of Canada, the EU member states, or U.S. OSHA

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 4/12/2018 9. PHYSICAL & CHEMICAL PROPERTIES Appearance: 9 1 Powder. Various colors. 9.2 Odor Mild acrylic odor, in bulk Odor Threshold 9.3 NA 94 NA 9.5 Melting Point/Freezing Point: NA 9.6 Initial Boiling Point/Boiling NA Range 9.7 Flashpoint 264 °C (508 °F), TCC 9.8 Upper/Lower Flammability NA Limits: Vapor Pressure: 9.9 NA 9.10 Vapor Density NA Relative Density: 9 11 NA Solubility 9 12 Insoluble in water Partition Coefficient (log Pow): 9.13 NA 9.14 Autoignition Temperature NA 9.15 Decomposition Temperature: NA 9.16 Viscosity NA 9.17 Other Information: NA 10. STABILITY & REACTIVITY Stability: 10.1 Relatively stable under ambient conditions when stored properly. Hazardous Decomposition 10.2 If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon (CO, CO₂) and nitrogen (NOx)). 10.3 Hazardous Polymerization: Will not occur. Conditions to Avoid: Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame Incompatible Substances 10.5 Strong oxides, peroxides or strong acids 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11.1 Inaestion: YES Toxicity Data: This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components 11.2 of this product, which are found in the scientific literature. This data has not been presented in this document See Section 4.4 11.3 Acute Toxicity: 11.4 Chronic Toxicity: See Section 4.5 11.5 Suspected Carcinogen: This product contains Benzoyl Peroxide and Silica which are not carcinogenic to humans, but is listed as Group 3 carcinogens by the IARC. Reproductive Toxicity: 11.6 This product is not reported to produce 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 produce teratogenic effects in humans. Reproductive Toxicity: This product is not reported to produce reproductive effects in humans. See Section 4.2 Irritancy of Product: 11.7 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: This product will slowly volatile from soil. Components of this product will slowly decompose into organic compounds. 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, releases of large volumes may be harmful or fatal to overexposed aquatic life. Aquatic toxicity data for components of this product are available, but are not presented in this Safety Data Sheet 13. DISPOSAL CONSIDERATIONS Dispose of in accordance with Federal, state and local regulations 13.1 Waste Disposal: Special Considerations: 13.2 NA

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		44 TRANSPORTATION INFORMATION								
		14. TRANSPORTATION INFORMATION								
desc	riptive information may be	ber, proper shipping name, hazard class & division, packing group) is shown for each mod required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.	le of transportation. Additional							
14.1	49 CFR (GND):	NOT REGULATED								
14.2	IATA (AIR):	NOT REGISTION								
14.3	IMDG (OCN):	NOT REGULATED								
14.4	TDGR (Canadian GND):	NOT REGULATED								
14.5	ADR/RID (EU):	NOT REGULATED								
14.6	SCT (MEXICO):	NOT REGULATED								
14.7	ADGR (AUS):	NOT REGULATED								
		15. REGULATORY INFORMATION								
15.1	SARA Reporting Requirements:	This product contains Benzoyl Peroxide, a substance subject to SARA Title III, Section 3	13 reporting requirements.							
15.2	SARA TPQ:	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 or are otherwise exemp	ot.							
15.4	CERCLA Reportable Quantity:	NA								
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administ (Cosmetics).	tration's 21 CFR subchapter G							
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the Sheet contains all of the information required by the CPR. The components of this listed on the DSL/NDSL. None of the components of this product are listed on the Substances List.	product are							
15.7	State Regulatory Illiotification.	Benzoyl Peroxide is found on the following state criteria lists: FL, MN, NJ, PA and WA. Polymethyl Methacrylate is found on the following state criteria list: NJ, 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 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:	This product does not contain any chemicals known to the State of California to cause harm. For more information, go to www.P65warnings.ca.gov.	se cancer or other reproductive							
		16. OTHER INFORMATION								
16.1										
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	L 00 0FD 04042 4222 577							
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. 4500 Park Granada Blvd Calabasas, CA 91302 USA Tel: +1 (818) 999-5112 http://www.opi.com								
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com								

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SDS Revision: 1.1

SDS Revision Date: 4/12/2018

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	
RTECS No. Registry of Toxic Effects of Chemical Substances Number		
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number	

EXPOSURE LIMITS IN AIR:

ACGIH	ACGIH American Conference on Governmental Industrial Hygienists		
IDLH	Immediately Dangerous to Life and Health		
NOHSC National Occupational Health and Safety Commission (Australia)			
OSHA U.S. Occupational Safety and Health Administration			
PEL Permissible Exposure Limit			
STEL Short Term Exposure Limit			
TLV Threshold Limit Value			
TWA	Time Weighted Average		

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

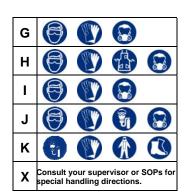
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α			
В			
С		型	
D		型	
E			
F		The state of the s	





OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:				
Autoignition Minimum temperature required to initiate combustion in air with no other source Temperature 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	FLAMMABILITY
1	Slight Hazard	\ \ \
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ \ \ \ \
W	Use No Water	HEALTH 🔪
ОХ	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals		
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	NDSL Canadian Non-Domestic Substance List		
PSL	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:

0	(*)	(2)		\odot	(18)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compress ed	Flammabl e	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

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

	(%)		\Diamond					
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment