

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

MSDS Revision: 1.1

MSDS Revision Date: 08/01/2005

1. PRODUCT IDENTIFICATION

1.1	Product Name: FEET BY OPI – POWDER PROTECT
1.2	Chemical Name: NA
1.3	Trade Names: FT104
1.4	Product Use: PROFESSIONAL OR SUNDRY USE ONLY
1.5	Manufacturer's Name: OPI PRODUCTS, INC.
1.6	Manufacturer's Address: 13034 SATICOY STREET, NO. HOLLYWOOD, CA 91605 USA
1.7	Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300
1.8	Business Phone: +1 (818) 759-2400 / +1 (800) 341-9999

2. HAZARD IDENTIFICATION

2.1	Hazard Identification: Allergic contact dermatitis is possible with prolonged or repeated contact. The product is a fine powder, and may cause a slipping and falling hazard if spilled. This product is not classified as a hazardous substance or as dangerous goods according to the classification criteria of NOHSC and the ADG Code (Australia).
2.2	Routes of Entry: Inhalation: YES Absorption: NO Ingestion: YES
2.3	Effects of Exposure: EYES: Possible irritation from dust. SKIN: Irritation. Allergic contact dermatitis is possible with prolonged or repeated contact. INGESTION: No exposure effects are reported. INHALATION: Considered a nuisance dust. May cause irritation of the mouth, nose, throat, and lungs.
2.4	Symptoms of Overexposure: EYES: Redness & watering. SKIN: Redness, itching, drying of skin. INGESTION: No symptoms are expected. INHALATION: Upper respiratory irritation, including coughing & sneezing.
2.5	Acute Health Effects: EYES: Possible irritation from dust. SKIN: Irritation. Allergic contact dermatitis is possible with prolonged or repeated contact. INGESTION: No exposure effects are reported. INHALATION: Considered a nuisance dust. May cause irritation of the mouth, nose, throat, and lungs.
2.6	Chronic Health Effects: None known.
2.7	Target Organs: Eyes, skin & respiratory system.

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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MSDS Revision Date: 11/01/2006

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³)					OTHER
					ACGIH - ppm		OSHA - ppmw			
					TLV	STEL	PEL	STEL	IDLH	
ZEA MAYS (CORN) STARCH	NA	NA	NA		NA	NA	NA	NA	NA	
SODIUM BICARBONATE	144-55-8	VZ0950000	205-633-8	≤ 60.0	(15)	NA	NA	NA	NA	
PTFE RESIN	9002-84-0	KX4025000	NA		NA	NA	NA	NA	NA	
CORN STARCH MODIFIED	NA	NA	NA		NA	NA	NA	NA	NA	
TAPIOCA STARCH	NA	NA	NA		NA	NA	NA	NA	NA	
HYDRATED SILICA	1343-98-2	NA	215-683-2	≤ 2.0	NE	NE	NE	NE	NE	
PARFUM (FRAGRANCE)	NA	NA	NA		NA	NA	NA	NA	NA	
UNDECYLENOLY GLYCINE	NA	NA	NA		NA	NA	NA	NA	NA	
GOSSYPIUM HERBACEUM (COTTON)	NA	NA	NA	≤ 1.0	NA	NA	NA	NA	NA	
BUTYROSPERMUM PARKII (SHEA BUTTER)	194043-92-0	NA	270-311-6	≤ 1.0	NA	NA	NA	NA	NA	
ALOE BARBADENSIS (ALOE VERA) EXTRACT	85507-69-3	NA	287-390-8	≤ 1.0	NA	NA	NA	NA	NA	

MAY ALSO CONTAIN AS COMPONENTS OF FRAGRANCE:

BENZYL ALCOHOL	100-51-6	DN3150000	202-859-9	≤ 0.1	NA	NA	NA	NA	NA	
CITRONELLOL	106-22-9	RH3400000	203-375-0	≤ 0.1	NA	NA	NA	NA	NA	
COUMARIN	91-64-5	RG5075000	202-086-7	≤ 0.1	NA	NA	NA	NA	NA	
LIMONENE	5989-27-5	GW6360000	227-813-5	≤ 0.1	NA	NA	NA	NA	NA	
GERANIOL	106-24-1	RG5830000	203-377-1	≤ 0.1	NA	NA	NA	NA	NA	
HEXYL CINNAMAL	101-86-0	GD6560000	202-983-3	≤ 0.1	NA	NA	NA	NA	NA	
HYDROCITRONELLAL	107-75-5	NA	203-518-7	≤ 0.1	NA	NA	NA	NA	NA	
BUTYLPHENYL METHYLPROPIONAL	NA	NA	NA	≤ 0.1	NA	NA	NA	NA	NA	
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	NA	NA	NA	≤ 0.1	NA	NA	NA	NA	NA	
LINALOOL	78-70-6	RG5775000	201-134-4	≤ 0.1	NA	NA	NA	NA	NA	

OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION

BAL

THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS

4. FIRST AID MEASURES

4.1	First Aid:	
	INGESTION:	If ingested, do not induce vomiting! If product has been swallowed, drink plenty of water or milk 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.
	SKIN:	If irritation occurs & product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with plenty of soap and water. If irritation, redness or swelling persists, seek medical attention.
	EYES:	If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Raise and lower eyelid(s) while flushing to ensure thorough irrigation. If problems persist seek immediate medical attention.
	INHALATION:	Unlikely. However, if symptoms occur, remove victim to fresh air at once. If breathing stops, perform artificial respiration. Seek immediate medical attention.
4.2	Medical Conditions Aggravated by Exposure:	
	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes and skin).	
		HEALTH
		1
		FLAMMABILITY
		0
		REACTIVITY
		0
		PROTECTIVE EQUIPMENT
		A
		EYES

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MSDS Revision: 1.1

MSDS Revision Date: 11/01/2006

5. FIREFIGHTING MEASURES

5.1 Flashpoint & Method:

ND

5.2 Autoignition Temperature:

ND

5.3 Flammability Limits:

Lower Explosive Limit (LEL):

NE

Upper Explosive Limit (UEL):

NE

5.4 Fire & Explosion Hazards:

If involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO₂, and NO_x).

5.5 Extinguishing Methods:

Water, Foam, CO₂, Dry Chemical

5.6 Firefighting Procedures:

First responders should wear eye protection. Structural fire fighters must wear full protective equipment and MSHA/NIOSH-approved self-contained breathing apparatus. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse contaminated equipment with soapy water before returning to service.

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). Spilled product should be swept or vacuumed up immediately to prevent falls. 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. Spilled product should be swept or vacuumed up immediately to prevent falls. Transfer to containers for proper disposal. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.**

7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices:

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 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. Keep away from children at all times!

7.3 Special Precautions:

Empty containers may retain residual amounts of product. Therefore, empty containers should be handled with care. The product is a fine powder, and may cause a slipping and falling hazard if spilled. Spilled product should be swept or vacuumed up immediately to prevent falls.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls:

When handling large quantities, use with adequate ventilation (e.g., open doors and windows, local exhaust ventilation). Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).

8.2 Respiratory Protection:

Respirators are not required for use with this product. However, this product is a nuisance dust hazard. Product may cause irritation of the mouth, nose, throat, and lungs. Accordingly, when working with large quantities (> gallon) a dust mask is suggested. A respiratory protection program that meets OSHA's 29 CFR §1910.134 and ANSI Z88.2 requirements must be followed whenever a respirator is used.

8.3 Eye Protection:

Avoid eye contact. When handling large quantities (e.g., ≥ 1 gallon) safety glasses with side shields should be used.

8.4 Hand Protection:

None required under normal conditions of use. May cause skin irritation in some sensitive individuals.**When handling large quantities (e.g., ≥ 1 gallon), wear rubber or impervious plastic gloves.**

8.5 Body Protection:

No apron required when handling small quantities.**When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.**

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MSDS Revision: 1.1

MSDS Revision Date: 11/01/2006

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density:	NA
9.2	Boiling Point:	NA
9.3	Melting Point:	NA
9.4	Evaporation Rate:	NA
9.5	Vapor Pressure:	NA
9.6	Molecular Weight:	NA
9.7	Appearance & Color:	Powder
9.8	Odor Threshold:	NA
9.9	Solubility:	Soluble
9.10	pH	NA
9.11	Viscosity:	NA
9.12	Other Information:	NA

10. STABILITY & REACTIVITY

10.1	Stability: Stable under ambient conditions when stored properly.
10.2	Hazardous Decomposition Products: If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon & nitrogen).
10.3	Hazardous Polymerization: Will not occur.
10.4	Conditions to Avoid: Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame.
10.5	Incompatible Substances: Strong oxidizers, peroxides or strong corrosives.

11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data: This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document.
11.2	Acute Toxicity: See Section 2.5.
11.3	Chronic Toxicity: See Section 2.6
11.4	Suspected Carcinogen: NE
11.5	Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans.
	Mutagenicity: This product is not reported to produce mutagenicity 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.
11.6	Irritancy of Product: See Section 2.3
11.7	Biological Exposure Indices: NE
11.8	Physician Recommendations: Treat symptomatically.

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MSDS Revision Date: 11/01/2006

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability: This product will slowly volatilize from soil. Components of this product will slowly decompose into organic compounds.
12.2	Effects on Plants & Animals: There is no specific data available for this product.
12.3	Effects on Aquatic Life: There is no specific data available for this product. 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 MSDS.

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal: Dispose of in accordance with federal, state or local regulations.
13.2	Special Considerations: NA

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.

14.1	49 CFR (GND): NOT REGULATED	
14.2	IATA (AIR): NOT REGULATED	
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	

15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements: This product does not contain any components subject to Section 313 reporting requirements.							
15.2	SARA Threshold Planning Quantity: NA							
15.3	TSCA Inventory Status: All components of this product are listed in the TSCA Inventory or are exempt.							
15.4	CERCLA Reportable Quantity (RQ): NA							
15.5	Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, (Cosmetics).							
15.6	Other Regulations This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. Some of 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.							
15.7	State Regulatory Information: Ingredients in this mixture on found on the following state criteria lists: <table><tr><td>Massachusetts Hazardous Substances List</td><td>Silica</td></tr><tr><td>Minnesota Hazardous Substances List</td><td>Silica</td></tr><tr><td>Pennsylvania Hazardous Substances List</td><td>Silica</td></tr></table>	Massachusetts Hazardous Substances List	Silica	Minnesota Hazardous Substances List	Silica	Pennsylvania Hazardous Substances List	Silica	
Massachusetts Hazardous Substances List	Silica							
Minnesota Hazardous Substances List	Silica							
Pennsylvania Hazardous Substances List	Silica							
15.8	67/548/EEC (European Union) Requirements: The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC.							

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MSDS Revision: 1.1

MSDS Revision Date: 11/01/2006

16. OTHER INFORMATION

16.1	Other Information: Precisely follow directions and MSDS (available through your supplier) for use. Avoid skin and eye contact. Keep out of reach of children. If redness or other signs of adverse reaction occur, discontinue use immediately and thoroughly rinse affected area.
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 or 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 No. Hollywood, CA 91605 USA +1 (818) 759-2400 phone +1 (818) 759-5770 fax http://www.opi.com/ O·P·I
16.5	Prepared by: ShipMate, Inc. 18436 Hawthorne Boulevard, Suite 201 Torrance, CA 90504 +1 (310) 370-3600 phone +1 (310) 370-5700 fax http://www.shipmate.com/  ShipMate® <i>Dangerous Goods Training & Consulting</i>

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MSDS Revision Date: 11/01/2006

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:

CAS No.	Chemical Abstract Service Number
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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.
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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:

A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Eye Protection	Gloves
Boots	Synthetic Apron	Full Suit	Dust Respirator
Vapor Respirator	Dust & Vapor Respirator	Full Face Respirator	Airline Hood/Mask or
Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.			

FLAMMABILITY LIMITS IN AIR:

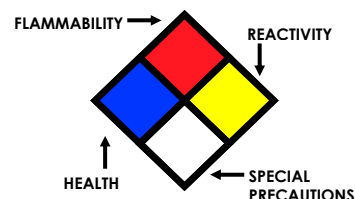
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of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

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 HAZARD RATINGS:

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



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 ₁₀	Lowest dose to cause a symptom
TCLO	Lowest concentration to cause a symptom
TD ₁₀ , LD ₁₀ , & LD ₅₀ or TC, TC ₁₀ , LC ₁₀ , & LC ₅₀	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
TL _m	Median threshold limit
log K _{OW} or log K _{OC}	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)
CPR	Canada's Controlled Product Regulations

EC INFORMATION:

C	E	F	N	O	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

WHMIS INFORMATION:

A	B	C	D1	D2	D3	E	F
Compressed	Flammable	Oxidizing	Toxic	Irritant	Infectious	Corrosive	Reactive