

SAFETY DATA SHEET

**Wildflowers “CHROME POWERS”
aka “MIRROR POWDERS” - all colors**

Wildflowers Nail Academy
1010 NE 9TH ST.
Cape Coral, FL 33909
(239)677-0578

1. PRODUCT IDENTIFICATION

IDENTITY:	Item Numbers:
Wildflowers “Chrome Pigments” aka “Mirror Powders”	All colors

2. HAZARDS IDENTIFICATION / HEALTH INFORMATION

Not a hazardous material as outlined by the OSHA Hazard Communication Standards.

Hazard Classification:

OSHA (USA): Not Hazardous

GHS Classification: Eye irritation, Category 2B
Respiratory Tract Irritation, Category 3
Acute Toxicity - Oral, Category 4

Pictogram:



Signal Word: Warning

Hazard Statements:

H320 Causes eye irritation
H335 May cause respiratory irritation
H302 Harmful if swallowed

Precautionary Statements:

P270 Do not eat, drink, or smoke when using this product
P260 Do not breathe dust / fume / gas / mist / vapors / spray.

P273
P305, P351, P338

Avoid release to the environment
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P301, P312

IF SWALLOWED: Call a Poison Control Center or Physician if you feel unwell.

Potential Health Effects:

Eye Contact: Causes eye irritation
Skin Contact: Not expected to cause irritation under normal conditions and use.
Inhalation: At high concentrations nose and throat irritation.
Ingestion: Exposure to airborne concentrations above statutory or recommended exposure limits may be dangerous.

WARNING LABEL:

Warning: Follow directions for use. **Avoid Inhalation. Use only in a well-ventilated area.** A ventilation system that expels vapors and dust to the outdoors is recommended. Avoid skin contact and eye contact. Keep out of reach of children. If redness or other signs of adverse reaction occur, discontinue use immediately and thoroughly rinse the affected area. FOR PROFESSIONAL USE ONLY.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #:	%:
Titanium Dioxide	13463-67-7	< 13%
Tin Dioxide	18282-10-5	< 2%
Silica	7631-86-9	< 2%
Aluminum	7429-90-5	< 1.5%
OTHER INGREDIENTS:		
PET (Polyethelyne Terephthalate)	25038-59-9	0-99
Fiberglass Microspheres	65997-17-3	0-99
Epoxy Resins	61788-97-4	< 6%
Moisture (H2O)		< .25%

4. HEALTH INFORMATION / FIRST AID MEASURES

Primary route of exposure:			
Inhalation: x	Skin: x	Ingestion:	Eyes:
Carcinogen:			
IARC: no	NTP: no	OSHA: no	
Signs and symptoms of exposure:			
Inhalation: May cause respiratory irritation. May be harmful if inhaled.			
Skin Contact: May cause skin irritation			
Eye Contact: May cause eye irritation			
Ingestion: May be harmful if swallowed.			
Medical conditions generally aggravated by exposure:			
None expected			
Emergency and First Aid Procedures:			
INHALATION: (Large Amounts) Move to fresh air immediately. Call physician.			
SKIN CONTACT: Wash the area with water.			
EYE CONTACT: remove contact lenses. Flush with water for 15 minutes and consult physician if irritation persists.			
INGESTION: Call physician.			

5. FIRE AND EXPLOSION HAZARD DATA

Extinguisher Media: Sprinklers or water.
This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Sweep or vacuum up quickly and carefully to prevent the product from scattering.
The product can be disposed of as general waste.

7. HANDLING AND STORAGE

WORK AND HYGIENE PRACTICES: Use eye protection when using this product. Wash hands thoroughly after using this product and before eating, drinking or smoking.

HANDLING: Keep container closed. Avoid contact with the skin and eyes. Do not breathe dust. Do not create a dust cloud by using a brush or compressed air.

STORAGE: Keep in a dry, cool, and well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

THERE ARE NO EXPOSURE LIMITS IDENTIFIED FOR THIS PRODUCT. EXPOSURE LIMITS FOR THE INDIVIDUAL INGREDIENTS ARE LISTED BELOW:

CAS No.	Components	mg/m ³	Category	Origin
13463-67-7	Titanium Dioxide	15 10 5000	TWA (8 h) TWA (8 h)	OSHA PEL ACGIH TLV NIOSH IDLH
7429-90-5	Aluminum	1 5 5	TWA (8 h) TWA (8 h) TWA (10 h)	ACGIH TLV OSHA OEL NIOSH REL
7631-86-9	Silica	2 6 3000 10	TWA (8 h) TWA (10 h) TWA (8 h)	OSHA PEL NIOSH REL NIOSH IDHL ACGIH TLV (dust)
18282-10-5	Tin Oxide	2	TWA (8 h) TWA (8 h)	OSHA PEL NIOSH IDHL ACGIH TLV

IDHL: Immediately Dangerous to Live or Health concentration

TWA: Time weighted Average

PEL: Permissible Exposure Limit

ACGIH: American Conference of Governmental Industrial Hygienists

OEL: Occupational Exposure Limit

OSHA: Occupational Safety and Health Administration

STEL: Short Term Exposure Limit

NIOSH: National Institute for Occupational Safety and Health

TLV: Threshold Limit Value

REL: Recommended Exposure Limit

PERSONAL PROTECTION

Respiratory Protection: Respirators are not required for use with this product. This product is a nuisance dust hazard. Product may cause irritation of the mouth, nose, throat, and lungs. Accordingly, when working with large quantities (>1 gallon (3.785 liters)) a dust mask is recommended. 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. Adequate ventilation is required in production areas. Use the same caution when removing the product by filing. Consider using this product with a dust capture system or mask, but it is NOT required under normal use.

Hand Protection: None required. May cause skin irritation in some sensitive individuals. When handling large quantities (e.g. ≤ 1 gallon (3.785 liters)) wear rubber or impervious plastic gloves. Wear suitable protective gloves in production area.

Eye Protection: Safety glasses with side shields should be used when using this product. Eye protection required in production areas. Wear suitable eye / face protection.

Other Protective Clothing: None required under normal use. Where use can result in skin contact, wash thoroughly with soap and water before eating, drinking, or smoking.

9. PHYSICAL / CHEMICAL CHARACTERISTICS

Form: Powder

Color: Silver, Gold, or white

Odor: Odorless

Melting Point: 700 celcius

Solubility in Water: insoluble

Ignition Temperature: N/A

Flash Point: N/A

Particle Size: 40-200um (Malvern)

Density: 2.8-3.4g / cm³ (ISO787-14)

Vapor Density: N/A

pH Value: 7-11 (ISO787-9)

10. STABILITY AND REACTIVITY

REACTIVITY DATA

Stability:

stable unstable Conditions to avoid: extreme temperatures, open flames

Incompatibility (materials to avoid): N/A

Hazardous Decomposition of Byproducts: When heated to biodegradable, may produce carbon dioxide and carbon monoxide.

Hazardous Polymerization:

may occur will not occur Conditions to avoid: none

11. TOXICOLOGICAL INFORMATION

Eye Irritation:	Causes eye irritation
Skin Corrosion / Irritation:	Not a skin irritant under normal conditions and use
Respiratory or Skin Sensitization:	Not expected to be a skin sensitizer
Acute Toxicity:	N/A
Germ Cell Mutagenicity:	Does not contain any ingredients known to be mutagenic according to OSHA
Carcinogenicity:	Does not contain any ingredients known to be carcinogenic according to OSHA, NTP, and IARC
Reproductive Toxicity:	Not expected to cause reproductive toxicity
STOT - single exposure:	Not expected to cause organ toxicity
STOT - repeat exposure:	Not expected to cause organ toxicity
Aspiration Hazard:	Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

13. DISPOSAL CONSIDERATIONS

Disposal procedures for solid waste in accordance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT (49 CFR 172.101): This is not a hazardous material as classified by CFR 172.101

The packing should be sound and puncture-proof, press-proof, and moisture-proof during transportation.

15. REGULATORY INFORMATION

International Inventories

TSCA (Toxic Substances Control Act) The product is exempt

U.S. Federal Regulations

SARA 313

The following are listed: Titanium Dioxide, Aluminum, Tin Oxide

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

- Aluminum

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any chemicals that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

U.S. State Regulations

California Proposition 65

This product does not contain any chemicals that are classified under Proposition 65.

U.S. State Right-To-Know Regulations

The following ingredients are present in the finished product and listed on the following inventories and state RTK lists:

Ingredient	CAS #:	TSCA 8(b)	MA RTK	NJ RTK	PA RTK
Titanium Dioxide	13463-67-7	Yes	Yes	Yes	Yes
Aluminum	7429-90-5	Yes	Yes	Yes	Yes
Silica	7631-86-9		Yes	Yes	Yes

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Europe

This product is in accordance with EC directives

Safety Phrases: S24/25: Avoid contact with skin and eyes

Risk Phrases: –

Please contact the appropriate agency in your country for detailed regulations.

16. OTHER INFORMATION

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), THE COMMONWEALTH OF PENNSYLVANIA REGULATIONS (TITLE 34. CHAPTERS 301-323) AND CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.