SAFETY DATA SHEET

Vella Metallics (pearlescent mica powders)

Prepared to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Revision date: November 5, 2026 | Version 2.0 | Supersedes MSDS dated March 29, 2006

SECTION 1: IDENTIFICATION

Product name	Vella Metallics
Colors / product codes	M-1 Micro Brass (30027), M-2 Black Olive (30024), M-3 Nu-Antique Bronze (30026), M-4 Nu-Antique Gold (30025), M-5 Lumina Gold (30022), M-6 Turquoise (30023), M-7 Magna Pearl (30021), M-8 Merlin Silver (30028), M-9 Bright Gold (30029)
Recommended use	Decorative pearlescent pigment powder for mixing into Vella Clear Wax to make a metallic wax glaze.
Restrictions on use	Once mixed into Vella Clear Wax, also follow the Vella Clear Wax SDS.
Manufacturer / supplier	Specialized Building Products, LLC (Vella Venetian Plaster Systems) 2180 N. Glassell, Orange, CA 92865, USA
Telephone	(714) 279-0240 Fax (714) 279-1043 www.vellaplaster.com
Emergency telephone (24 hr)	CHEMTREC 1-800-424-9300 (USA) +1-703-527-3887 (international)

SECTION 2: HAZARD(S) IDENTIFICATION

Classification (OSHA HCS / GHS): Not classified as hazardous. Fine powder: dust may cause mechanical irritation of the eyes and respiratory tract.

Signal word: None required. **Pictograms:** None required.

Precautionary statements: P261 Avoid breathing dust. P271 Use only outdoors or in a well-ventilated area. P280 Wear eye protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

California Proposition 65: WARNING: This product can expose you to Titanium dioxide (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight %
Mica	12001-26-2	30 – 80
Titanium dioxide	13463-67-7	1 – 50
Iron oxides (golds, bronzes, Black Olive)	1309-37-1	0 – 50
Tin oxide	18282-10-5	< 1

Ranges cover all nine colors; the exact blend varies by color.

SECTION 4: FIRST-AID MEASURES

Inhalation	Move to fresh air. If coughing or irritation persists, get medical attention.
Skin contact	Wash with soap and water.
Eye contact	Flush with clean water for at least 15 minutes. Do not rub. Get medical attention if irritation persists.
Ingestion	Rinse mouth with water. Not expected to be harmful in small amounts.

Most important symptoms	Temporary irritation of eyes and airways from dust.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability	Powder is non-combustible. Mixed metallic wax is flammable; see Vella Clear Wax SDS.
Extinguishing media	Use media suitable for the surrounding fire.
Firefighter protection	Self-contained breathing apparatus and protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid creating dust. Sweep or vacuum (HEPA) spilled powder into a closed container. Do not dry-sweep large amounts without dust control. Prevent entry into drains.

SECTION 7: HANDLING AND STORAGE

Safe handling	Open and pour gently to minimize dust. Add powder to wax in small amounts. Use with adequate ventilation. Wash hands after handling.
Storage	Keep container tightly closed and dry. Store mixed metallic wax in a sealed container in a cool place out of direct sunlight, away from heat, sparks and open flame.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	OSHA PEL	ACGIH TLV
Mica	20 mppcf (approx. 3 mg/m^3 respirable)	3 mg/m^3 respirable
Titanium dioxide	15 mg/m^3 total dust	10 mg/m^3 total
Iron oxide	10 mg/m^3 (fume)	5 mg/m^3 respirable
Tin oxide	2 mg/m^3 (as Sn)	2 mg/m^3 (as Sn)

Engineering controls	Local exhaust or general ventilation to keep dust below exposure limits.
Respiratory protection	If dust is generated, wear a NIOSH-approved N95 dust mask or better.
Eye protection	Safety glasses or goggles.
Hand protection	Gloves recommended (nitrile when mixing with wax).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine pearlescent powder; color varies
Odor	Odorless
Solubility in water	Insoluble
Specific gravity	Approx. 2.8 – 3.2
Flash point	Not applicable (non-combustible)
Melting point	> 1,000 °C (1,832 °F)
VOC content	0 g/L (powder)

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable.
Hazardous reactions	None known.
Conditions to avoid	Generating airborne dust.

Incompatible materials	None known.
Hazardous decomposition	None.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure	Inhalation of dust, eye contact.
Acute effects	Dust may cause mechanical irritation of eyes and respiratory tract.
Chronic effects	Prolonged inhalation of high concentrations of mica dust may cause lung effects (pneumoconiosis).
Carcinogenicity	Titanium dioxide is listed by IARC as Group 2B (possibly carcinogenic to humans) for airborne respirable particles and by California Proposition 65. Not listed by NTP or OSHA. Hazard does not apply once bound in wax.
Acute toxicity	Titanium dioxide: oral LD50 (rat) > 10,000 mg/kg. Iron oxide: oral LD50 (rat) > 10,000 mg/kg.

SECTION 12: ECOLOGICAL INFORMATION

Inorganic, insoluble pigments. Not expected to be harmful to aquatic organisms. Not biodegradable; does not bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations. Unused powder is not a RCRA hazardous waste. Dispose of mixed metallic wax per the Vella Clear Wax SDS.

SECTION 14: TRANSPORT INFORMATION

DOT / IATA / IMDG	Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION

TSCA	All components are listed or exempt.
SARA 311/312	Not hazardous.
SARA 313	No reportable components.
California Prop 65	WARNING: Titanium dioxide (airborne, unbound particles of respirable size). See Section 2.

SECTION 16: OTHER INFORMATION

HMIS rating	Health 1 Flammability 0 Physical hazard 0 PPE: E (glasses, gloves, dust mask)
NFPA rating	Health 1 Fire 0 Instability 0
Revision	November 5, 2026: New 16-section GHS SDS for Vella Metallics. Replaces the Vella Wax MSDS previously posted for this product.

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