



## MATERIAL SAFETY DATA SHEET

### THERMOGRAPHIC EMBOSING POWDERS

#### Manufacturer

Telephone Number: (760) 480-0062  
 Emergency Number: (760) 480-0062  
 Fax Number: (760) 480-0054

#### HAZARD RATINGS

Health: 0  
 Flammability: 1  
 Reactivity: 0

The information on this MSDS Sheet includes safety data required by OSHA. The recipient of this safety data is responsible for passing the safety information on so that it reaches the ultimate user who may come in contact with the material.

#### **1. IDENTIFICATION OF THE SUBSTANCE**

##### **Manufacturer's Product & Trade Names:**

**Product Description:** Precision granulation, colored, tinted, and/or iridescent resin based powder for decorative use in paper coating, rubber stamping, printing and decorative use on other objects.

Thermographic/Embossing Powders - Crystal Clear series, Clear-based powder mixes, Enhanced Pearl™, Satin Pearls™, Buff Pearl™, Clear Candy Colors™

Thermographic/Embossing Powders – Metallic finish Classic Metallics™ - gold, silver, copper, platinum, colored Empire Metallic

Thermographic/Embossing Powders – Opaque finish Glacier White, Midnight Black, and all Opaque series powders, including Fluorescent Neon™, Candy Colors™, Earth and Stone™ Series, enhanced pearls, pastels, Metabaloid™, Holiday Series™, Scented, etc.

See complete Thermoboss product list for all names.

Various private label brands distribute the powders under other names worldwide.

#### **2. COMPOSITION / INFORMATION ON INGREDIENTS**

##### **Chemical nature of the substance:**

Chemical Identity:

Trade secret / Proprietary Polyamide Resin

Colorants: Trade Secret

Particle size of all powders is 20 to 250 microns

Hazardous Ingredients: None. All colorants and pigments are encapsulated and embedded in a non-toxic resin base, which is non-bioavailable, either through inhalation or ingestion.

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Toxicity Data: Oral-rat LD-50>15gm/kg  
Irritation Data: No data available  
Hazardous Ingredients: None

### **3. HAZARDS IDENTIFICATION**

No inherent risks from this product regarding human health or environment are apparent. There is no known indication of chronic or skin irritating effects when physical contact has occurred.

NFPA Rating

Symbol 0-None 1-Least 2-Slight 3-Moderate 4-High

**NFPA: Health – 0 Flammability – 1 Chemical Reactivity – 0**

There are no acute or chronic health hazards associated with the use of these products; if, however, these products are either ignited or exposed to elevated temperatures causing decomposition, harmful vapors may be emitted, (see Section 5).

### **4. FIRST AID MEASURES**

**Skin contact:** Rinse skin with soap and water. If irritation persists, consult medical department.

**Eye contact:** In case of eye contact, immediately flush eyes with plenty of water. If irritation persists, consult medical department.

**Inhalation:** If inhaled, remove from area to fresh air. Get medical attention if breathing becomes difficult.

**Ingestion:** Consult a physician if necessary.

### **5. FIRE-FIGHTING MEASURES**

**Flash point:** Not applicable.

**Explosive properties:** None available.

**Upper:** None established.

**Lower:** None established.

**Suitable extinguishing media:** Water spray, foam, dry chemical.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary.

**Specific methods:** In a fire, cool stored drums and/or tanks with water.

### **6. ACCIDENTAL RELEASE MEASURES**

**Methods for cleaning up:** If spilled, sweep up and place in proper container for disposal, see section 13.

**Personal precautions:** See section 8.

**Environmental precautions:** Should not be released into the environment.

### **7. HANDLING AND STORAGE**

**Handling:** Normal industrial standards should apply. Always practice good industrial hygiene. When using product avoid contact with hands and mouth, use safety glasses, a dust mask and protective clothing as needed.

**Storage:** Store in a dry area, away from excessive heat or sources of ignition.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT**

**Hand protection:** Rubber gloves. Neoprene gloves.

**Eye protection:** Safety glasses with side-shields.

**Respiratory protection:** Local exhaust or ventilation.

**Skin and body protection:** Long sleeved clothing.

**Hygiene measures:** Do not eat, drink or smoke at work.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

General information

Boiling Point: Not Applicable

Melting Point: 109 C

Specific Gravity: .98 (water = 1) (25 c/25C)

% Volatile: zero

Vapor Density: (Air =1) Not Applicable

Solubility in Water: Negligible

Evaporation Rate: Approx. 0 (nBuAc = 1)

Appearance and Odor: Granular powder in various colors depending on commodity. Slight amine odor.

**10. STABILITY AND REACTIVITY**

**Stability:** Stable at normal conditions.

Hazardous Polymerization: Will not occur

Condition & Materials to Avoid: Material is normally stable, even under fire exposure conditions, and is not reactive with water.

Hazardous Products of Decomposition: Unknown

**11. TOXICOLOGICAL INFORMATION**

**Other information on acute toxicity:** No information available. This product is not considered to be hazardous under normal conditions of use; if inhaled or ingested there are no known adverse affects to be expected, however, in the event of accidental exposure, always seek medical attention.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects:** Do not flush into surface water or sanitary sewer system.

**Other information:** These products are not expected to produce any adverse environmental effects.

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:** Dispose of in accordance with local regulations.

**Contaminated packaging:** Empty remaining contents. Empty containers should be recycled following local regulations. EWC waste disposal No. 16 – Wastes not otherwise specified in the catalogue. (See directly below.)

**Further information:** According to the European Waste Catalogue, waste codes are not product specific, but application specific. Waste Codes should be assigned by the user based on the application for which the product was used.

**14. TRANSPORTATION INFORMATION**

Not Regulated

**Harmonized Freight Code:** 3908.10.0000

**Product name:** Plastic Granules / Resin

**15. REGULATORY INFORMATION**

**REACH Designation:** Decorative Article with no known SVHCs.

**Indication of Danger:** Not dangerous.

**SARA:** Products do not contain toxic chemicals for routine reporting under Title III Section 313 (40 CFR 372 Community Right To Know).

**TSCA:** All components of these products are listed or excluded from listing.

**WHMIS Classification (Canada):** Not Controlled.

**EU Classification:** Warning symbol: Not applicable.

**Warning words:** Not applicable.

**Risk Phrases:**

R-22: May be harmful if swallowed.

R-36/37: May be irritating to eyes and respiratory system (under certain conditions).

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**Safety Phrases:**

S-20: When using do not eat or drink.

S-22: Do not breathe dust.

S-25: Avoid contact with eyes.

S-26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**16. OTHER INFORMATION**

The information and recommendations contained herein are based on current available data and believed to be accurate and given in good faith; the issuer makes no warranty, either express or implied, including fitness and merchantability. Users should consider this data only as a supplement to other information available from all sources, and should incorporate these into programs for the proper use and disposal of these materials and the health and safety of employees and customers.

End of Safety Data Sheet