

# Lil' Daddy Roth Metal Flake

5660 Boscell Common

Fremont, CA 94538

415-663-5253

## RAW MATERIAL SAFETY DATA SHEET

Revision Number: 4 Revision Date: 01-09-12

### Non Hazardous Material

#### 1. IDENTIFICATION OF THE SUBSTANCE

##### Identification of the substance

**Product Code:** Roth Metal Flake

**Trade Name:** Roth Metal Flake

**Product Description:** Precision-cut aluminum-metalized polyester film particles

**Supplier:**  
Lil' Daddy Roth Flake  
5660 Boscell Common  
Fremont, CA 94538

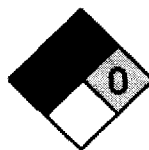
#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Chemical nature of the substance

<u>Components</u>	<u>Weight %</u>	<u>CAS-No</u>	
Polyethylene Terephthalate	92.50%	25038-59-9	Polyethylene Terephthalate
Surface Binder	4.00%	125826-44-0	Polyurethane 33
Aluminum	0.50%	7429-90-5	CI 77000
May contain between >0.25% - <1.0% (totaling 3%) of the following:			
Yellow 83		5567-15-7	CI 21108
Red 190		6424-77-7	CI 71140
Black 7		1333-86-4	CI77266
Red 122		980-26-7	CI73915
Violet 23		6358-30-1	CI51319
Blue 15:3		147-14-8	CI 74160
Yellow 110		106276-80-6	CI 56280
Red 264		88949-331	CI 561300

#### 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  
Symbol**

**Rating**  
0-None  
1-Least  
2-Slight  
3-Moderate  
4-High

**NFPA:** Health – 1 Flammability – 0 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 IV).

#### **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

<b>Methods for cleaning up:</b>	If spilled, sweep up and place in proper container for disposal (see section 13).
<b>Personal precautions:</b>	See section 8.
<b>Environmental precautions:</b>	Should not be released into the environment.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Normal industrial standards should apply. Always practice good industrial hygiene when using product: avoid contact with hands and mouth, use safety glasses, dust mask and protective clothing as needed.
<b>Storage:</b>	Store in a dry area, away from excessive heat or sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protective equipment

<b>Hand protection:</b>	Rubber gloves. Neoprene gloves.
<b>Eye protection:</b>	Safety glasses with side-shields.
<b>Respiratory protection:</b>	Local exhaust or ventilation.
<b>Skin and body protection:</b>	Long sleeved clothing.
<b>Hygiene measures:</b>	Do not eat, drink or smoke at work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

<b>Physical state:</b>	Solid.
<b>Appearance:</b>	Colored Metallic reflective particles.
<b>Color:</b>	Metallics.
<b>Odor:</b>	Mild characteristic.

### Other information:

<b>Specific gravity:</b>	1.4
<b>Boiling point:</b>	Not established.
<b>Melting Point:</b>	190° C.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal conditions.

**Materials to avoid:** Avoid contact with acids, alkalis and strong oxidizing agents.

## 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 effects 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:** 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:** 3907.30.0000

## 15. REGULATORY INFORMATION

<b>REACH Designation:</b>	Decorative Article with no known SVHCs.
<b>SARA:</b>	Products do not contain toxic chemicals for routine reporting under Title III Section 313 (40 CFR 372 Community Right To Know).
<b>TSCA:</b>	All components of these products are listed or excluded from listing.
<b>WHMIS Classification (Canada):</b>	Not Controlled.
<b>EU Classification:</b>	None in accordance to the EU Directive 67/548/EWG (substance Directive), 1999/45/EC (dangerous preparation directive) or in Accordance to any other known EU regulations.

## 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; Lil' Daddy Roth Metal Flake © 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**