

**Material Safety Data Sheet**  
**Revision #3: 3/19/09**  
**Avian B Pre-Mix Reflectance Coating**

For Emergency, Health, Safety and Environmental Information, call 1-800-535-5053 in the United States and Canada. International: Call collect 1-708-918-1900. For all other purposes, call 603-526-2420.

**SECTION I IDENTIFICATION**

Product Name: Avian-B Premix Reflectance Coating  
DOT Shipping Name: Same  
DOT Hazard Class: Not a hazardous material per CFR49 172.101  
Hazard Rating: Health: 1; Flammability: 0; Reactivity: 1  
Protective Equipment: Safety Glasses, Gloves, Ventilation  
Precautionary Label: Keep away from sparks and flame. Use with adequate ventilation.

**SECTION II COMPONENTS**

Chemical Name	CAS Number	Occ. Exp. Limit Pv (mmHg)
Barium sulfate	7727-43-7	n/a
Distilled water	n/a	n/a
Polyvinyl alcohol	9002-89-5	Negligible

**SECTION III PHYSICAL DATA**

Appearance: White paste or a combination of white paste and colorless liquid (distilled water)  
Melting Point: 428°F  
Percent volatiles by volume: <1%  
Evaporation Rate: Information not available  
Water solubility: Binder Appreciable; Pigment Not Appreciable

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Not applicable  
Auto Ignition Temperature: Information not available  
Extinguishing Media: Water, CO2, Dry chemical extinguishers  
Special Fire Fighting Procedures: Use water spray to keep fire-exposed containers cool  
Unusual Fire and Explosion Hazards: None

**SECTION V HEALTH HAZARD DATA**

Exposure Limits	TLV	STEL	ACGIH PEL	IDLH	
Barium Sulfate	n/a	n/a	n/a	n/a	n/a
Polyvinyl alcohol	n/a	n/a	n/a	n/a	n/a

Symptoms of exposure:  
Inhalation: Low hazard for usual industrial or commercial handling.  
Skin: Low hazard for usual industrial or commercial handling.  
Eye: No specific hazard known. Contact may cause transient irritation.  
Ingestion: Expected to be a low ingestion hazard.  
Chronic effects of overexposure: Not available.

Avian Technologies LLC  
PO Box 716  
Sunapee NH 03782  
Physical Location: 116 Newport Road, Suites 4-6B, New London NH 03257  
603-526-2420 (P); 603-526-2729 (F)  
E-mail: [info@aviantechnologies.com](mailto:info@aviantechnologies.com)  
[www.aviantechnologies.com](http://www.aviantechnologies.com)