



The Chemical Company

Material Safety Data Sheet

MSDS Code: 9212P

## Mearlin® Sparkle Gold

Revision date: 10/17/06

Date Printed: 07/03/07

**NFPA Classification:**

Health: 0  
Flammability: 0  
Instability: 0  
Special Hazards:

**HMIS Classification:**

Health: 0  
Flammability: 0  
Physical Hazard: 0  
Personal Protection: E

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: Chemical Mixture

Product Use: Colorant.

Supplier: BASF Corporation  
100 Campus Drive  
Florham Park, NJ 07932

For Chemical Emergency Call:  
BASF Hotline: 1-800-832-HELP  
CHEMTREC (24 hours):  
1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)  
1-703-527-3887 (Outside Above Area)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient CAS Number	Weight in Percent (%)	Notes
Titanium Dioxide 13463-67-7	22.0 - 29.0	None.
Mica 12001-26-2	65.0 - 75.0	None.
Iron Oxide - Fe <sub>2</sub> O <sub>3</sub> 1309-37-1	3.0 - 6.0	None.

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:**

Color: Yellow  
Form: Powder  
Odor: Odorless

**Flash Point, °C:** Not Applicable

**Most Important Hazards:** Prolonged or repeated exposure may cause lung damage.

**Potential Health Effects:**

**Inhalation:** May cause irritation of the respiratory tract. Prolonged or repeated exposure causes lung damage.

**Ingestion:** No adverse health effects are expected from swallowing.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Dust may cause irritation and inflammation.

**Carcinogenicity:**

Ingredient CAS Number	Weight in Percent (%)	NTP (Y/N)	IARC (See Notes)	OSHA (Y/N)	ACGIH (See Notes)
Titanium Dioxide 13463-67-7	22.0 - 29.0	N	N3	N	A4
Mica 12001-26-2	65.0 - 75.0	N	N	N	N
Iron Oxide - Fe <sub>2</sub> O <sub>3</sub> 1309-37-1	3.0 - 6.0	N	N	N	A4

**Notes:**

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classifiable as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

**Chronic Health Hazards:** Prolonged or repeated exposure to dust may cause pulmonary problems.

**Aggravated Medical Conditions:** Pulmonary disorders. Allergies.

**4. FIRST AID MEASURES**

**Inhalation:** Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

**Ingestion:** If large quantities are ingested, seek medical advice. Not a hazard under normal use conditions.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation persists.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**5. FIRE FIGHTING MEASURES**

**Flash Point, °C:** Not Applicable

**Autoignition Temperature, °C:** Not Applicable

**Lower Explosive Limit, %:** Not Applicable

**Upper Explosive Limit, %:** Not Applicable

**Extinguishing Media:** None - does not burn. Use extinguishing media appropriate for surrounding fire.  
**Fire Fighting Procedures:** Positive pressure, self-contained breathing apparatus.  
**Unusual Fire and Explosion Hazards:** Not a fire or explosion hazard.

#### 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Scoop up or vacuum into a container for reclamation or disposal.

#### 7. HANDLING AND STORAGE

- Store in cool dry place.
- Material may be slippery when wet.
- Avoid breathing dust.
- Wash thoroughly after handling.
- Avoid contact with eyes.
- Use only with adequate ventilation.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient CAS Number	Weight in Percent (%)	OSHA PEL	ACGIH TLV
Titanium Dioxide 13463-67-7	22.0 - 29.0	15 mg/m <sup>3</sup> (Total dust)	10 mg/m <sup>3</sup> (Total dust)
Mica 12001-26-2	65.0 - 75.0	20 mppcf	3 mg/m <sup>3</sup> (Respirable fraction)
Iron Oxide - Fe <sub>2</sub> O <sub>3</sub> 1309-37-1	3.0 - 6.0	10 mg/m <sup>3</sup> (as Fe, total particulate)	5 mg/m <sup>3</sup> (Respirable fraction)

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2006 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, June 30, 1993.

**Personal Protective Equipment:** Safety glasses with side shields.  
**Respiratory Protection:** Use a NIOSH/MSHA approved respirator as necessary to protect from: dust.  
**Ventilation:** General ventilation. Local exhaust ventilation is recommended to control exposures to within applicable limits.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Powder  
**Color:** Yellow  
**Odor:** Odorless  
**Boiling Point, °C:**  
**Melting Point, °C:** Decomposes 3.0Kg/L

**Bulk Density:** 25.7g/100 cc  
**Vapor Pressure:** Not Applicable  
**Specific Gravity:** 3.0  
**Solubility (in water):** Insoluble  
**pH:** 7.0-11.0 (4% H<sub>2</sub>O)

**10. STABILITY AND REACTIVITY**

**Stability Data:** Stable  
**Conditions/Hazards to Avoid:** None known.  
**Incompatibility (Materials to Avoid):** None known.  
**Hazardous Decomposition Products:** None known.  
**Polymerization:** Will not occur.  
**Polymerization - Avoid:** None known.

**11. TOXICOLOGICAL INFORMATION**

**Information on Product:**

**Information on Components:**

<b>Ingredient CAS Number</b>	<b>Weight in Percent (%)</b>	<b>Acute Toxicity - Oral</b>	<b>Acute Toxicity - Inhalation</b>	<b>Acute Toxicity - Dermal</b>	<b>Acute Toxicity - Other</b>
Titanium Dioxide 13463-67-7	22.0 - 29.0	> 5,000 mg/kg (rat)	Not Available	Not Available	Not Available
Mica 12001-26-2	65.0 - 75.0	Not Available	Not Available	Not Available	Not Available
Iron Oxide - Fe <sub>2</sub> O <sub>3</sub> 1309-37-1	3.0 - 6.0	Not Available	Not Available	Not Available	Not Available

**12. ECOLOGICAL INFORMATION**

**Information on Product:**

**Environmental Fate:** No data available.  
**Ecotoxicological Information:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**US EPA Waste Number:** Not Regulated

**Disposal of Waste Method:** This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

**14. TRANSPORT INFORMATION**

**International Transport Regulations:**

**ICAO Class:** Not Regulated

**IMO Class:** Not Regulated

**US Transportation Regulations:**

**DOT Classification:** Not Regulated

**Proper Shipping Name:** Not Regulated

**Canadian Transportation of Dangerous Goods (TDG):**

**TDG Classification:** Not Regulated

**15. REGULATORY INFORMATION**

**International Inventories:**

**United States:** This product or its ingredients are listed on or compliant with the TSCA Inventory.

**Canada:** This product or its ingredients are listed on or compliant with the DSL.

**Europe:** This product or its ingredients are listed on or compliant with EINECS.

**Japan:** This product or its ingredients are listed on or compliant with MITI.

**Australia:** This product or its ingredients are listed on or compliant with AICS.

**Korea:** This product or its ingredients are listed on or compliant with the ECL.

**Philippines:** This product or its ingredients are listed on or compliant with PICCS.

**China:** This product or its ingredients are listed on or compliant with the IECSC.

**US Federal Regulations:**

<b>Ingredient CAS Number</b>	<b>Weight in Percent (%)</b>	<b>Subject to SARA 313 Reporting</b>
Titanium Dioxide 13463-67-7	22.0 - 29.0	No
Mica 12001-26-2	65.0 - 75.0	No
Iron Oxide - Fe <sub>2</sub> O <sub>3</sub> 1309-37-1	3.0 - 6.0	No

**SARA 311/ 312 Hazard Categories:**

Acute Health Hazard

**CAA 602 Ozone Depleting Substances (ODS):**

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

**VOC Content:** None

**US State Regulations:**

**VOC Content (CARB):** None

**Canadian Regulations:**

**WHMIS Classification:**

Not Regulated

**16. OTHER INFORMATION**

**Revision number:** 5

**Section(s) Revised in this Version:** Section 1: Chemical Product and Company Identification  
Section 16: Other Information

**Prepared By:** Corporate Environmental Health & Safety Group

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