

MATERIAL SAFETY DATA SHEET

NFPA Classification:

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

HMS Classification

Health: 0
Flammability: 0
Reactivity: 0
Personal Protectic E

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME: GLMP-0052 SPARKLE BRONZE

DISTRIBUTED BY: GOLD LEAF AND METALLIC POWDERS

ADDRESS: 6001 Santa Monica Boulevard
Los Angeles, CA 90038

INFORMATION TEL.: (323) 769-4888

EMERGENCY TEL.: Call CHEMTREC (24 hours)
1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)
1-703-527-3887 (Outside Above Area)

SECTION II – INGREDIENT INFORMATION

| Ingredient | Weight in Product % | Notes |
|---|---------------------|-------|
| Mica 12001-26-2 | 74.0-86.0 | none |
| Iron Oxide - Fe ₂ O ₃ 1309-37-31 | 14.0-26.0 | none |

SECTION III – HAZARDS IDENTIFICATION

Emergency Overview

Color: Brown
Form: Powder
Odor: Odorless
Flash Point, °C: Not Applicable

Most important Hazard: 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 | Weight in Product % | NTP (Y/N) | IARC (See Notes) | OSHA (Y/N) | ACGIH (See Notes) |
|--|---------------------|-----------|------------------|------------|-------------------|
| Mica 12001-26-2 | 74.0-86.0 | N | N | N | N |
| Iron oxide - Fe ₂ O ₃ 1309-37-1 | 14.0-26.0 | 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.

SECTION IV – 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 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.

SECTION V – 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.
Unusual Fire and Explosion Hazards: Not a fire or explosion hazard.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SECTION VII – HANDLING AND STORAGE

Material may be slippery when wet
 Store in cool dry place.
 Avoid breathing dust.

Wash thoroughly after handling.
 Avoid contact with eyes.
 Use only with adequate ventilation.

SECTION VIII – EXPOSURE CONTROL/ PERSONAL PROTECTION

| Ingredient | Weight in Product (%) | OSHA PEL: | ACGIH TLV: |
|---------------------------------|-----------------------|--|---------------------------------|
| Mica 12001-26-2 | 74.0-86.0 | 3 mg/m3 (Respirable dust) | 3 mg/m3 (Respirable dust) |
| Iron oxide - Fe2O3 1309-37-1 | 14.0-26.0 | 10 mg/m3 (as Fe, Total particulate) | 5 mg/m3 (as Fe, dust & Fume) |

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLV's refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, January 19, 1989

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.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder
Color: Orange
Odor: Odorless
Boiling Point, °C: Not Applicable
Melting Point, °C: Decomposes
Freezing Point, °C: Not Applicable
Density @ 25°C: 3.3Kg/l
Bulk Density: 20.7g/100 cc
Vapor Pressure: Not Applicable
Specific Gravity: 3.3
Solubility (in water): Insoluble
Ph: 7.0-11.0 (4% H2O)

SECTION X – 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.

SECTION XI – TOXICOLOGY INFORMATION

Information on Product:
Information on Components:

| Ingredient | Weight in Product % | Acute toxicity Oral | Acute Toxicity Inhalation | Acute Toxicity Dermal | Acute Toxicity Other |
|--------------------------------|---------------------|---------------------|---------------------------|-----------------------|----------------------|
| Mica 12001-26-2 | 74.0-86.0 | Not Available | Not Available | Not Available | Not Available |
| Iron oxide- Fe2O3 1309-37-1 | 14.0-26.0 | Not Available | Not Available | Not Available | Not Available |

SECTION XII - ECOLOGICAL INFORMATION

Information on Product:
Environmental Fate: No data available
Ecotoxicological Information: No data available

SECTION XIII – DISPOSAL CONSIDERATION

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.

SECTION XIV – TRANSPORT INFORMATION

International Transport Regulations:
UN/PIN Number: None
US Transportation Regulations:
DOT Classification: Not Regulated
Canadian Transportation of Dangerous Goods (TDG):
TGD Classification: Not Regulated

SECTION XV – REGULATORY INFORMATION

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory.
Canda: 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 the EINECS.
Japan: This product or its ingredients are listed on or compliant with the MITI.
Australia: This product or its ingredients are listed on or compliant with the AICS.
Korea: Not determined.

US Federal Regulations:

| Ingredient | Weight in Product % | Subject to SARA 313 Reporting |
|--------------------------------|---------------------|-------------------------------|
| Mica 12001-26-2 | 74.06-86.0 | No |
| Iron oxide- Fe2O3 1309-37-1 | 14.0-26.0 | No |

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product contains nor is manufactured with an ozone depeleting 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

SECTION XVI – OTHER INFORMATION

DISCLAIMER OF LIABILITY:

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The information and recommendations contained herein are not intended to relieve the reader of responsibility to investigate and understand the laws, procedures and regulations applicable to the reader's enterprise and place of business and to verify independently the information provided in this document as it may relate to the reader's specific process or application.