

27007-4051

SAFETY DATA SHEET

Section 1: Identification

Gold Leaf

Color # 2.5

Primarily used in surface gilding

YouWish
Venserweg 21M
1112AR Diemen
Nederland
www.youwish.nl

Product Name: Imitation Gold Leaf**Chemical Name/Synonyms:** Brass Leaf

Section 2: Hazard(s) Identification

- a) **Classification:** 01.AB.10a 01 - ELEMENTS (Metals and intermetallic alloys; metalloids and nonmetals; carbides, silicides, nitrides, phosphides)
- b) **Chemical Formula:** Cu₃Zn₂
- c) **Not for human consumption**
- d) **GENERAL:** Brass alloys in their usual solid form and under normal conditions do not present an inhalation, ingestion, or contact health hazard or fire or explosion hazard. Operations such as welding, brazing, burning, grinding, cutting, heat treating, machining or similar operations may generate dusts, fumes and machine turnings that may create a health or fire or explosion hazard.
- e) **ROUTES OF ENTRY:** None in its natural solid state.
- f) **High concentrations of dusts or fumes may cause irritation to the eyes. Inhalation of metal fumes or dusts generated during welding, burning, grinding or machining may cause irritations of the respiratory tract. Flu-like symptoms such as fever and chills may occur a few hours after excessive exposure. Dusts or fumes can cause irritation to the skin with itching, dermatitis may occur.**
- g) **TARGET ORGANS:** Respiratory system, kidney, liver, central nervous system, eyes and skin.
- h) **EFFECTS OF ACUTE EXPOSURE TO MATERIAL: COPPER & ZINC (as Oxide):** Inhalation overexposure to copper or zinc oxide may cause metal fume fever characterized by fever and chills (i.e. flu-like symptoms) which appear 4-6 hours after exposure with no long term effects.

Precautionary Statements: Do not ingest. Do not breath dust into lungs

Section 3: Composition/ Information on Ingredients

- a) **Brass**
b) **Alloy from Copper and Zinc**

Section 4: First-Aid Measures

After skin contact: Wash with soap and water.

After eye contact: Flush with water.

After inhalation: Exit to fresh air. Contact a physician or seek medical assistance.

After swallowing: Do not induce vomiting. Contact a poison center or seek medical assistance.

Section 5: Fire-Fighting Measures

Brass Leaf is not Flammable.

Section 6: Accidental Release Measures

Personal precautions: a) Wear breathing protection if creating dust.

Section 7: Handling and Storage

Store in a dry space.

Section 8: Exposure Controls/Personal Protection

Don simple respirator if creating dust from leaf.

Section 9: Physical and Chemical Properties

- a) Yellow in color
- b) Metallic shine
- c) Ultra thin metal

Section 10: Stability and Reactivity

Stable metal alloy

Section 11: Toxicological Information

Inhalation of metal fumes or dusts generated during welding, burning, grinding or machining may cause irritations of the respiratory tract. Flu-like symptoms such as fever and chills may occur a few hours after excessive exposure. Dusts or fumes can cause irritation to the skin with itching, dermatitis may occur.

Section 12: Ecological Information (non-mandatory)

No data available for the material as a whole. However, individual components of the material have been found to be toxic to the environment. Metal dusts may migrate into soil and groundwater and be ingested by wildlife.

Section 13: Disposal Considerations (non-mandatory)

WASTE DISPOSAL: Brass scrap or solid waste should be recycled or reclaimed whenever possible

Section 14: Transport Information (non-mandatory)

GENERAL SHIPPING INFORMATION: Material not regulated for shipping.

Section 15: Regulatory Information (non-mandatory)

**CHEMICAL NAME SARA 302 (40 CFR 355, Appendix A)
SARA 304 (40 CFR Table 302.4)
SARA 313 (40 CFR 372.65)
CERCLA Reportable Quantities
Copper Yes**

Section 16: Other Information

SDS date of preparation/update: 17NOV2019