

SDS
GF-4 GOLD FOIL



Thompson Enamel

P.O. Box 310 Newport, KY 41072 USA ~ (859) 291-3800 fax (859) 291-1849

SECTION 1: Identification of the substance/mixture and of the company

Product Name: Gold Foil
Identified uses: Multiple use
Synonyms: Foil, GF, GF-4, gold
CAS# 7440-57-5
Supplier: Thompson Enamel
650 Colfax Avenue
Bellevue, Ky. 41073 U.S.A.
Phone: 859-291-3800
Fax: 859-291-1849
Email: info@thompsonenamel.com

SECTION 2: Hazards identification

Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

SECTION 3: Composition/Information on ingredients

Substances Formula Molecular Weight : : Au 196,97 g/mol

SECTION 4: First aid measures

Description of first aid measures

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact Wash off with soap and plenty of water.

In case of eye contact Flush eyes with water as a precaution.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Indication of any immediate medical attention and special treatment needed no data available

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture: no data available

Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary. Further information: The product itself does not burn.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

Avoid breathing vapors, mist or gas.

Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up: Sweep up and shovel.

Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

Precautions for safe handling: Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure Controls/Personal protection

Appropriate engineering controls: General industrial hygiene practice.

Personal protective equipment Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Immersion protection: Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: > 480 min Material tested: Dermatril? (Anonymous Z677272, Size M)

Splash protection Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: > 30 min Material tested: Dermatril? (Anonymous Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 873000, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: Physical and chemical properties

Appearance: Gold Foil

Odor: No data available

Odor Threshold: No data available

pH Form: no data available

Threshold pH Form: no data available

Color: gold

Melting point/freezing point: 1.063 °C - lit.

Initial boiling point and boiling range: 2.808 °C - lit.

Flash point: no data available

Evaporation rate: no data available

Flammability (solid, gas): no data available

Upper/lower flammability or explosive limits: no data available

Vapour pressure: no data available

Vapour density: no data available

Relative density: 19,3 g/mL at 25 °C n)

Water solubility: no data available

Partition coefficient: noctanol/water

Autoignition temperature: no data available

Decomposition temperature: no data available

Viscosity Explosive properties: no data available

Oxidizing properties: no data available

SECTION 10: Stability and reactivity

Reactivity: no data available

Chemical stability: no data available

Possibility of hazardous reactions: no data available
Conditions to avoid: no data available
Incompatible materials: Halogens, Hydrogen peroxide, ammonia
Hazardous decomposition products: no data available

SECTION 11: Toxicological information

Acute toxicity no data available
Skin corrosion/irritation no data available
Serious eye damage/eye irritation no data available
Respiratory or skin sensitization no data available
Germcell mutagenicity no data available
Carcinogenicity Carcinogenicity - rat - Implant
Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.
Tumorigenic: Tumors at site or application.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity no data available
Specific target organ toxicity - single exposure no data available
Specific target organ toxicity - repeated exposure no data available
Aspiration hazard no data available
Potential health effects
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion: May be harmful if swallowed.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation.
Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Toxicity no data available

SECTION 13: Disposal considerations

Offer surplus and non-recyclable solutions to a licensed disposal company.
Dispose of as unused product.

SECTION 14: Transportation information

This product is not Department of Transportation (DOT) regulated.
This product is not TDG (Canada) regulated.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

SECTION 16: Other information

References

DOT Department of Transportation
OSHA Occupational Safety and Health Administration
CAS Chemical Abstracts Service
TSCA Toxic Substances Control Act

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

The information and recommendations contained in this SDS have been compiled from sources believed to be reliable and to represent current opinion on the subject when the SDS was prepared. No warranty, guaranty or

representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

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