



Giusto Manetti Battiloro S.p.A.



Azienda certificata secondo la
norma SA8000

MATERIAL SAFETY DATA SHEET

date of issue: 01/04/2016

PAGE 1 OF 3

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: 20GBCB - GEN.GOLDLEAF KT.22 MM.80 TH 14 TRANSFER

Description:

Using: gold leaf for gilding

Giusto Manetti Battiloro S.p.A.

Via Tosca Fiesoli, 89 M 50013 Campi Bisenzio - Florence - Italy

Tel: +39 55 436161 Fax: +39 55 352817 Emergency Phone: +39 55 4362613

Description: Gold alloy in leaf

2. COMPOSITION / INFORMATION ON INGREDIENTS

Gold (918/000) – CAS N° 7440-57-5
Silver – CAS N° 7440-22-4
Copper – CAS N° 7440-50-8

3. HAZARD IDENTIFICATION

This product is not classified as flammable.

Eyes: May cause irritation.

Skin: May cause irritation.

Ingestion: May cause gastrointestinal discomfort.

Inhalation: May cause irritation to respiratory tract.

4. FIRST-AID MEASURES

IN CASE OF SKIN: IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.

IN CASE OF EYES CONTACT: IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

IF INHALED: REMOVE TO FRESH AIR.

IF SWALLOWED: WASH OUT MOUTH WITH WATER. GIVE WATER ONLY IF PERSON IS CONSCIOUS.
CALL A PHYSICIAN.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS: UNDER FIRE CONDITIONS, MATERIAL MAY DECOMPOSE TO FORM FLAMMABLE AND/OR EXPLOSIVE MIXTURES IN AIR.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: use the means of protection mentioned in paragraph 8,

Environmental precautions: keep away from drainage channels or watercourses,

Methods for cleaning: remove, collecting the material in a container.

7. HANDLING AND STORAGE

Personal precaution measures: avoid contact with molten or high temperature material; wash skin after handling

Storage: keep tightly closed. Store in a cool dry place.

Prevention of fire and explosion: keep from contact with oxidizing materials. Minimize dust and scraps generation and accumulation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits for workers: no exposure limits for workers

In working to maintain a good ventilation and air replacement.

In the case of working with the material at high temperatures protect the eyes and skin.

Protection of airways: usually not required. If the working environment is not ventilated wear mask.

Eye protection: in the case of working with the material at high temperatures protect your eyes with safety glasses.

Hand protection: in the case of working with the material at high temperatures protect your hands with gloves.

Other information: At work, not drinking and not smoking. Wash your hands always a fine job. Ensure proper personal hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: SOLID LEAF, YELLOW – RED COLOUR

ODOUR: ODOURLESS

MELTING POINT: between 961 °C and 1084 °C

BOILING POINT: between 2162 °C and 2808 °C

DENSITY: 17,92 kg / dm³

SOLUBILITY: not soluble in water

10. STABILITY AND REACTIVITY

STABILITY: stable

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE.

11. TOXICOLOGICAL INFORMATION

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE EYE OR SKIN IRRITATION.

12. ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE

13. DISPOSAL CONSIDERATION

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

14. TRANSPORT INFORMATION

NOT A DANGEROUS PRODUCT IN ACCORDANCE TO TRANSPORT REGULATIONS

15. REGULATORY INFORMATION

Reg. CE 1907/2006

16. OTHER INFORMATION

date of issue: 01/04/2016

replaces: -----

All information of this sheet are based on the actual knowledge. It does not represent a guarantee of the properties of the product and does not give reason for a legal-contractual business relation.