



MATERIAL SAFETY DATA SHEET

(GOLD – O – LUX)

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : GOLD - O - LUX
Chemical Description : A blend of vinyl resin and metallic pigments in organic solvents
Manufacturer : MAS Paints & Chemicals Industry.
Telephone & Fax No : 00971 - 06 - 5311777, 00971 - 06 - 5311330

2. COMPOSITION / INFORMATION ON INGREDIENTS

Description: Flake Gold Bronze Powder, made into paints with solvents.

Dangerous components

CAS: 64742 - 82 - 1 Naphtha (petroleum), hydrodesulfurized heavy 70 - 75%

EINECS: 265-185-4 XN, N; R 10-51/53-65-66-67

Brass powder, copper -(7440-50-8)/zinc -(7440-66-6)alloy R10 25 - 30%

3. HAZARD IDENTIFICATION

Information pertaining to particular dangers for man and environment

R 10 Flammable

R 52/53 Harmful to aquatic organisms may cause long - term adverse effects in the aquatic environment.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4. FIRST AID MEASURES

Contact with skin : Immediately take off all contaminated clothing.
: Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes : Do not use wash or ointment of any kind (before obtaining an examination or advice from an eyes specialist).
Wash immediately with water for at least 10 minutes.

Swallowing : Do not under any circumstance induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
: Give liquid paraffin to drink; do not give milk or animal or vegetable fats of any kind.

Inhalation : Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilate area. OBTAIN MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Recommended extinguishers : Foam, sand and CO_2
Extinguishers not to be used : None in particular
Risks arising from combustion : Avoid inhaling the fumes.
Protective equipment : Use protection for the respiratory tract:
Cool the containers exposed to the fire with water.

6. ACCIDENTIAL RELEASE MEASURE

Measures for Personal safety : Use a mask, gloves and protective clothing.
Environmental Measures : Limit leakages with earth or sand.
: Eliminate all unguarded flames and possible sources of ignition. Do not smoke.
: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.
Cleaning Methods : Rapidly recover the product. To do so, wear a mask and protective clothing.
: If the product is in a liquid form. Stop it from entering the drainage system.
: Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.
: After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions : Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.
: Do not eat or drink while working.
: Do not smoke while working.
Storage Conditions : Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Instructions as regards storage premises : Cool and adequately ventilated.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

***Additional information about design of technical systems:** No further data : see item 7
***Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
***Additional information:** the lists that were valid during the compilation were used as basis.
***Personal protective equipment**
***General protective and hygienic measure.**
Wash hands during breaks and at the end of the work.
***Breathing equipment** : Not required
***Protection of hands:** Not mandatory.
***Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
***Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
***Eye protection:** Not mandatory.
***Skin protection:** Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Colour : Gold coloured

Smell	Characteristic
Change in condition:	
Melting point / melting range	Not determined
Boiling point/ Boiling range	142°C
Inflammability (solid, gaseous)	Flammable
Self - inflammability	Product is not selfigniting
Danger of explosion	Product is not explosive. However, formation of explosive air/ steam mixtures is possible.
Critical values for explosion:	
Lower	0.6 Vol%
Upper	7.0 Vol%
Steam pressure at 20°C	2 mbar
Density at 20°C	0.85 kg/lit.
Solubility in / Miscibility with water	Unsoluble
Solvent content:	
Organic solvents	70 - 75
Solids content	25 - 30

10. STABILITY AND REACTIVITY

*Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specification.

Dangerous reactions

No dangerous reactions known

Dangerous products of decomposition:

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

*Acute toxicity:

*Primary irritant effect

*On the skin: No irritant effect

*Sensitisation : No sensitising effect known

12. ECOLOGICAL INFORMATION

General notes:

Water hazard class 2 (Self - assessment): hazardous for water

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

13. DISPOSAL CONSIDERATIONS

*Product

*Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogues

12 01 04 - non - ferrous metal dust and particles.

*Uncleaned packagings:

*Recommendation: disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Land transport ADR/RID and GGBS/GGVE (cross- border/ domestic)

ADR/RID-GGVS/E Class: --

Number / Letter:

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class: --

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class:

Transport/Additional information: Not dangerous according to the above specifications.

15. REGULATORY INFORMATION

Designation according to EC Guidelines:

The product has been classified and labelled in accordance with EC Directives/ Ordinance on Hazardous Materials (GefStoffV)

Risk phrases : R 10 Flammable
: R 52 /53 Harmful to aquatic organisms, may cause long - term adverse effects in the aquatic environment.

Safety phrases : 7/8 Keep container tightly closed and dry.
: 29 do not empty into drains.
: 43 In case of fire use sand. Never use water.

National regulations

Technical instructions (air):

Class - III

Share in - 12 - 15

*Water hazard class: Water hazard class 2 Self- assessment): hazardous for water.

16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

There is no necessity to classify this preparation as hazardous to health. Although it contains more than 10% of hydrocarbons, classified on account of danger of aspiration, the viscosity is, however, not below 10 centistokes at 40°C.

Relevant R - phrases

10 Flammable.
50/53 Toxic to aquatic organisms, may cause long - term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.

Editor : MAS Paints & Chemicals Industry.
