

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Issued date 25 Sept 2008

Product / Trade Name: easyCOAT Gold 2



1. Identification of the substance/preparation and of the company/undertaking

- **Product / Trade name:** easyCOAT Gold 2
- **Product Code:** easyCOAT gold 2
- **Application of the substance:** Screen printing emulsion
- **Supplier:**
Printcolor Asia Company Limited
Room 1630, Corporation Park,
11 On Lai Street, Shatin
Hong Kong
Tel: 852 26868810
Fax: 852 26869006
- **Further information obtainable from:** Printcolor Asia Company Limited
- **Information in case of emergency:** Printcolor Asia Company Limited

2. Hazards identification

- **Hazard description:** Xi Irritant
- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 43 May cause sensitization by skin contact.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data
- **GHS label elements**
Exclamation mark Warning
3.4/1 - May cause an allergic skin reaction.
4.1/3 - Harmful to aquatic life with long lasting effects.
- **Prevention:**
Avoid breathing dust/fume/gas/mist/vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
- **Response:**
IF ON SKIN: Wash with plenty of soap and water.
Specific treatment (see label).
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
- **Disposal:**
Dispose of contents/container in accordance with

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local/regional/national/international regulations.

3. Composition / information on ingredients

- **Chemical characterization**

Description: Mixture of substances listed below with no hazardous additions.

Dangerous components:

Trade Secret	5-15%	Xi; R 36/37/38-43	Warning: Exclamation mark 3.2/2, 3.3/2A, 3.4.S/1, 3.8/3
Trade Secret	5%	Xi, N; R 36/37/38-43-51/53	Warning: Exclamation mark 3.2/2, 3.3/2A, 3.4.S/1, 3.8/3

- **Additional information:**

For the wording of the listed risk phrases refer to section 16

4. First-aid measures

- **After inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

5. Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6. Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**

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Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

7. Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
No special measures required.
- **Storage:**
- Requirements to be met by storerooms and receptacles:
No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.

8. Exposure controls / personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

Ingredients with limit 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 valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of

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diffusion and the degradation

- **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:** Goggles recommended during refilling

9. Physical and chemical properties

- **General Information**

- **Form:** Fluid
- **Colour:** According to product specification
- **Odour:** Characteristic

- **Change in condition**

- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: 100 ° C

- **Flash point:** Not applicable.

- **Self-igniting:** Product is not self-igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Vapour pressure:** at 20 °C - 23 hPa

- **Density:** Not determined.

- **Solubility in / Miscibility with water:** Fully miscible.

- **Solvent content:**

- Organic solvents: 0.0 %
- Water: 39.7 %

- **Solids content:** 31.4 %

10. Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Dangerous reactions:** No dangerous reactions known.

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- **Dangerous decomposition products:** No dangerous decomposition products known.

11. Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant
- **Sensitization** - May cause sensitization by skin contact.

12. Ecological information

- **Ecotoxicological effects:**
Remark: Harmful to fish
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Un-cleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14. Transport information

- **Land transport ADR/RID (cross-border)**

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- **ADR/RID class:** -
- **Maritime transport IMDG:**
 - **IMDG Class:** -
 - **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
 - **ICAO/IATA Class:** -
 - **UN "Model Regulation":** -

15. Regulatory information

- **Labeling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:** Xi Irritant
- **Hazard-determining components of labeling:**
Trade Secret
- **Risk phrases:**
 - 43 May cause sensitization by skin contact.
 - 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
 - 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
 - 24/25 Avoid contact with skin and eyes.
 - 37 Wear suitable gloves.
 - 61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- **National regulations:**
- **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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- **Relevant R-phrases**
36/37/38 Irritating to eyes, respiratory system and skin.
43 May cause sensitisation by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Department issuing MSDS:** Technical Services
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Reglement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- *** Data compared to the previous version altered.**