

MSDS

MATERIAL SAFETY DATA SHEET

Client : **Shibakawa (Guangzhou) Office Equipment Co., Ltd.**
CN , Guangdong , Guangzhou , Room 401, Building B, No. 8, West Guangtang Road, Tianhe District

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Shenzhen CCT Testing Technology Co., Ltd

Drafted By:

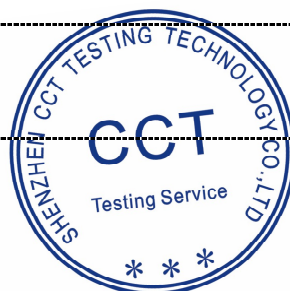
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Approved By:

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SECTION 1. CHEMICAL PRODUCT INFORMATION
Product details:

Product name : Xeme ComColors ink
 Model : ComColors ink
 Mark : N/A
 TEL : 020 22090305
 Fax : N/A
 E-mail : 2834332464@qq.com

Supplier/Manufacturer

Applicant : Shibakawa (Guangzhou) Office Equipment Co., Ltd.
 Address : CN , Guangdong , Guangzhou , Room 401, Building B, No. 8, West Guangtang Road, Tianhe District

Summary:

As specified by the client, This safety data sheet was prepared in accordance with Un GHS Rev.7, The EU CLP REGULATION(EC) No 1272/2008, and US OSH Hazard Communication Standards(29 CFR 1910.1200). Please refer to attached report for details.

SECTION 2. COMPOSITION /HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	EINECS No.	Content (wt%)
Petroleum solvent	64742-46-7	278-012-2	=< 20%
Pigment	6358-85-6	Trade secret	1-10%
Fatty acid ester	37318-31-3	Trade secret	1-10%
Higher alcohol	Trade secret	Trade secret	1-10%
Acrylic urethane polymer	26222-42-4	Trade secret	1-10%

SECTION 3. HAZARDS IDENTIFICATION

Potential Acute Health Effects:	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Potential Chronic Health Effects:	MUTAGENICITY: Negative in the Ames test. CARCINOGENICITY: None of the ingredients in this product are listed by IARC, NTP, MAK, OSHA or ACGIH as a carcinogen. None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP or OSHA.

SECTION 4. FIRST AID MEASURES

Eye Contact:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact:	After contact with skin, wash immediately with plenty of water using a mild soap.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Chronic effects:	Most important symptoms and effects, both acute and delayed No further relevant information available.
Ingestion:	If swallowed, do not induce vomiting and seek medical advice.
Inhalation:	If you feel unwell, move from the contamination immediately to fresh air and seek medical advice.
Others:	Indication of any immediate medical attention and special treatment needed

SECTION 5. FIGHTING MEASURES

Flammable Properties:	
Flash Point:	Min: 100
Method Used:	Not applicable
Auto ignition Temperature:	Not applicable
Extinguishing Media:	Water. Carbon Dioxide. Foam
Special Fire Fighting Procedure:	Positive pressure, self-contained breathing apparatus. Wear full protective clothing. Water. Carbon dioxide. Foam.
Usual Fire and Explosion Hazards:	Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Small Spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill:	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

SECTION 7. HANDLING AND STORAGE

Precautions:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°F).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection:	Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill:	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits:	TWA: 2 (mg/m ³) from ACGIH (TLV) [United States] [1999] Inhalation Respirable. TWA: 3 (mg/m ³) [Australia] Inhalation TWA: 2.5 (mg/m ³) from NIOSH Inhalation Respirable. TWA: 2.5 (mg/m ³) from OSHA (PEL) [United States] Inhalation Respirable. TWA: 10 [United Kingdom (UK)] Inhalation Total. TWA: 4 [United Kingdom (UK)] Respirable. Consult local authorities for acceptable exposure limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance:	Yellow liquid
Odor:	Tasteless
Color:	Yellow
pH (1% soln/water):	Not applicable
Boiling Point:	> 200°C
Melting Point:	0°C
Flashpoint:	> 120°C (Cleveland Open-cup)
Density:	0.86
Upper flammable (explosive) limits in air – Upper (vol %) – UEL:	Not applicable
Lower flammable (explosive) limits in air – Lower (vol %) – LEL:	Not applicable
Oxidising properties:	Not applicable
Solubility in water:	Negligible
Partition coefficient:	Not available
Viscosity:	Not available
Vapour density:	Not available
Evaporation rate:	Not available
Ignition temperature:	> 200 °C

SECTION 10. STABILITY AND REACTIVITY

Stability	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Excess heat, incompatible materials.
Incompatibility with various substances:	Highly reactive with oxidizing agents.
Corrosivity	Non-corrosive in presence of glass
Special Remarks on Reactivity:	Reacts vigorously with liquid potassium, and potassium peroxide. If graphite contacts liquid potassium, rubidium or caesium at 300 C, intercalation compounds may be formed.
Special Remarks on Corrosivity:	Not available.
Polymerization	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation. Ingestion.
Toxicity to Animals:	LD50: Not available. LC50: Not available.
Chronic Effects on Humans:	Not available.
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans:	Not available.
Special Remarks on other Toxic Effects on Humans	Not available.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
BOD5 and COD:	Not available.
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	Not available

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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SECTION 14. TRANSPORT INFORMATION

UN Number ADR/RID, IMDG, IATA:	Not regulated as dangerous goods
UN Proper shipping name ADR/RID, IMDG, IATA:	Not regulated as dangerous goods
Transport hazard class(es) :	
Packing group: ADR/RID, IMDG, IATA :	Not regulated as dangerous goods
Environmental hazards:	No
Special precautions for user:	No information available

SECTION 15 - REGULATORY INFORMATION
Law Information

《Dangerous Goods Regulation》
 《Recommendations on the Transport of Dangerous Goods Model Regulations》
 《International Maritime Dangerous Goods 》
 《Technical Instructions for the Safe Transport of Dangerous Goods》
 《Classification and code of dangerous goods》
 《Occupational Safety and Health Act》 (OSHA)
 《Toxic Substances Control Act》 (TSCA)
 《Consumer Product Safety Act》 (CPSA)
 《Federal Environmental Pollution Control Act》 (FEPCA)
 《The Oil Pollution Act》 (OPA)
 《Superfund Amendments and Reauthorization Act Title III (302/311/312/313) 》 (SARA)
 《Resource Conservation and Recovery Act》 (RCRA)
 《Safety Drinking Water Act》 (CWA)
 《California Proposition 65 》
 《Code of Federal Regulations 》 (CFR)
 In accordance with all Federal, State and Local laws.

SECTION 16- REGULATORY INFORMATION

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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