

## MATERIAL SAFETY DATA SHEET

DATE OF ISSUE : 01 Oct. 2002

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 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION  
 AND OF THE COMPANY / UNDERTAKING  
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## 1.1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT NAME.... : Acrylic Paint  
 FORMULA..... : Not applicable (mixture)  
 CAS # AND NAME..... : Not applicable (mixture)

## 1.2. COMPANY IDENTIFICATION

SHENZHEN WINGART ART SUPPLIES CO., LTD.  
 QIPING INDUSTRIAL PARK, GUIHUA VILLAGE, GUANLAN TOWN,  
 SHENZHEN, GUANGDONG, P.R.C.  
 TEL: 86 755 2752 0850 FAX: 86 755 2752 0878

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 2. COMPOSITION / INFORMATION ON INGREDIENTS  
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INGREDIENT	CONCENTRATION % by weight	HAZARD
Vinyl Acrylic Emulsion	31.8	None
Calcium Carbonate	30	None
Preservative	0.1	None
Disperser	0.8	None
Pigment	1.8	None
Water	35.5	None

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 3. HAZARDS IDENTIFICATION  
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## 3.1. HEALTH HAZARD DATA

## 3.1.1. EFFECTS OF A SINGLE OVEREXPOSURE

## Swallowing

No evidence of harmful effects from available information.

## Skin absorption

No evidence of harmful effects from available information.

## Inhalation

Trace component and residual monomer vapours may be irritating to the eyes, mucous membrane, respiratory tract, and may produce symptoms of headache, nausea in poorly ventilated areas.

## Skin contact

Prolonged contact may cause transient reddening of the skin.

## Eye contact

Direct contact may cause eye irritation.

## 3.1.2. EFFECTS OF REPEATED OVEREXPOSURE

No evidence of harmful effects from available information.

## 3.1.3. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE

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A knowledge of the available toxicology information and of the physical and chemical properties of the matter suggests that overexposure is unlikely to aggravate existing medical conditions.

## 3.1.4. OTHER EFFECTS OF OVEREXPOSURE

No evidence of harmful effects from available information.

## 4. FIRST AID MEASURES

### 4.1. SWALLOWING

No harmful effects expected.

### 4.2. INHALATION

No emergency care anticipated.

### 4.3. SKIN CONTACT

Wash skin with soap and water until water is no longer cloudy. If clothing is soaked, remove and wash before reuse.

### 4.4. EYE CONTACT

Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

### 4.5. NOTES TO PHYSICIAN

Toxicology studies have shown this or similar material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## 5. FIRE-FIGHTING MEASURES

### 5.1. EXTINGUISHING MEDIA

This product is a non-flammable aqueous emulsion. After water evaporates, the remaining material will burn. Use alcohol-type or all-purpose-type foams applied by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

### 5.2. EXTINGUISHING MEDIA TO BE AVOIDED

None.

### 5.3. SPECIAL FIRE FIGHTING PROCEDURES

None.

### 5.4. SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Use self-contained breathing apparatus when fighting fires in enclosed areas.

### 5.5. UNUSUAL FIRE AND EXPLOSION HAZARDS

Product will not burn but may spatter if temperature exceeds boiling point of water. Dried solids can burn giving off oxides of carbon.

## 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled

Restrict the area to only those personnel needed. Major spills should be collected for disposal. Minor spills may be flushed to sewer if permitted by national, state and local regulations.

## 7. HANDLING AND STORAGE

### 7.1. HANDLING

General handling precautions

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Avoid breathing vapours in top of shipping container.  
Use with adequate ventilation.  
Avoid contact with skin and clothing.  
Wash thoroughly after handling.

## Ventilation

General (mechanical) room ventilation is expected to be satisfactory. Use local exhaust if needed to control mist and vapours.

## Other precautions

None known.

## 7.2. STORAGE

Keep container closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. EXPOSURE LIMITS

### 8.2. PERSONAL PROTECTION

#### Respiratory protection

None should be required. If necessary, use OSHA/NIOSH- approved respirators in poorly ventilated areas.

#### Hand protection / protective gloves

Use gloves impervious to water and soap.

#### Eye protection

Safety glasses

#### Other protective equipment

Eye bath and safety shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....: Fluid  
ODOUR.....: Mild  
MOLECULAR WEIGHT.....: Mixture  
BOILING POINT.....: ~ 100 °C  
FREEZING POINT.....: ~ 0 °C  
MELTING POINT.....: Not Applicable  
FLASH POINT .....: Not Applicable (aqueous system)  
FLAMMABILITY LIMITS.....: LOWER: Not Applicable (aqueous system)  
IN AIR (% by Volume)....: UPPER: Not Applicable (aqueous system)  
SPECIFIC GRAVITY (H2O=1): 1.1  
VAPOUR PRESSURE.....: Same as water  
VAPOUR DENSITY (air=1)...: < 1  
EVAPORATION RATE.....: Is slower than Butyl Acetate  
(Butyl acetate = 1)  
SOLUBILITY IN WATER.....: Dilutable  
(% by weight)  
PERCENT VOLATILES.....: 50 Wt % (Water)

## 10. STABILITY AND REACTIVITY

### 10.1. STABILITY

Stable.

#### Conditions to avoid

None.

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Incompatible materials  
None.

Hazardous combustion products  
Carbon monoxide and/or carbon dioxide.

10.2. POLYMERIZATION  
Will not occur.

Conditions to avoid  
None.

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## 11. TOXICOLOGICAL INFORMATION

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11.1. ACUTE TOXICOLOGICAL INFORMATION  
Information on analogous product shows minimal toxicity concerns.

11.2. OTHER TOXICOLOGICAL INFORMATION  
Information on analogous product shows minimal toxicity concerns.

11.3. ADDITIONAL INFORMATION

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## 12. ECOLOGICAL INFORMATION

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12.1. PERSISTENCE AND DEGRADABILITY  
Polymer is not biodegradable.

12.2. ENVIRONMENTAL RISKS  
Not toxic to fish or plants.

12.3. OTHER INFORMATION  
Does not inhibit bacteria in waste treatment facilities.

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## 13. DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD(S)  
Recycle or incinerate or absorb water and bury in a suitable landfill where permitted under appropriate national and local regulations.

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## 14. TRANSPORT INFORMATION

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TRANSPORT CLASSIFICATION  
ADR/RID....: This product is not submitted to the ADR regulations.

IMDG.....: This product is not submitted to the IMO regulations.

MARPOL.....: ANNEX II...: Not evaluated at this moment.  
ANNEX III...: Not classified.

ICAO.....: This product is not submitted to the ICAO regulations. ✓

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## 15. REGULATORY INFORMATION

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All other national and local regulations, if applicable to the use, transport or disposal of this product, should be observed.

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16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS

Please consult the relevant product and/or application information for this product.

REVISED SECTIONS IN THIS ISSUE :

All sections in this issue have been revised.

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