

# MATERIAL SAFETY DATA SHEET

WUJIANG CITY BINGXIN C&E GOODS CO.LTD

Identification of preparation /company

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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**Product name:** ACRYLIC COLOUR

**Manufacture:** WU JIANG CITY BINGXIN C&E GOODSCO.,LTD  
SHANGHENG VILLAGE, PINGWANG TOWN, WUJIANG CITY, JIANGSU  
PROVINCE, CHINA  
TEL:0512-63666522  
FAX:0512-63667587

**E-mail address** bxwj@icecore.cn  
**The use of product** Painting canvas  
**Supplier** Tel: 86 0563 5620889 Fax: 86 0563 5620129

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## 2. HAZARDS IDENTIFICATION

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The contents and format of this MSDS  
are in accordance with EEC Commission Directive 2006/8/EC,1999/45/EC and 1967/548/EEC.

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**THE PREPARATION IS NOT CLASSIFIED ACCORDING EUROPEAN REGULATION**

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### Primary Routes of Exposure

Inhalation  
Skin Contact  
Eye Contact

#### Inhalation

Inhalation of vapor or mist can cause the following:  
- irritation of nose and throat

#### Eye Contact

Direct contact with material can cause the following  
Slight irritation

#### Skin Contact

Prolonged or repeated skin contact can cause the following.  
Slight irritation

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Present substance with a inferior concentration to the hazard limit :

2-amino-2-methylpropanol	CAS 124-68-5	This substance is classified Xi; R36/38-52/53 according European regulation.
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are clasified as hazardous to health or the enviroment and hence require reporting in this section.

{ 1 } Substance classified with a health or environmental hazard

{ 2 } Substance with a workplace exposure limit.

Ingredients	(titanium white) 钛白	CAS No	% Conc.
Acrylic Resin		9003-01-4	43.26
Barium Sulfate		7727-43-7	12.30
R-902 Titanium Dioxide		13463-67-7	31.38
2-amino-2-methylpropanol		124-68-5	0.12
Propylene Glycol		57-55-6	6.00
Distilled Water		7732-18-5	6.94

Ingredients	(lemon yellow)	CAS No	% Conc.
Acrylic Resin		9003-01-4	45.61
Barium Sulfate		7727-43-7	16.36
Hydrated Silica		112926-00-8	0.50
CI Pigment Yellow 3		6486-23-3	20.00
2-amino-2-methylpropanol		124-68-5	0.11
Propylene Glycol		57-55-6	8.00
Distilled Water		7732-18-5	9.42

Ingredients	(crimson red) 深红色	CAS No	% Conc.
Acrylic Resin		9003-01-4	48.25
Barium Sulfate		7727-43-7	19.23
Hydrated Silica		112926-00-8	0.50
CI Pigment Red 120		2786-76-7	12.68
CI Pigment Violet 23		6358-30-1	0.32
2-amino-2-methylpropanol		124-68-5	0.14
Propylene Glycol		57-55-6	8.00
Distilled Water		7732-18-5	10.88

Ingredients	(vermilion) 朱红色的	CAS No	% Conc.
Acrylic Resin		9003-01-4	55.46
Barium Sulfate		7727-43-7	13.55
Hydrated Silica		112926-00-8	0.50
CI Pigment red 4		2814-77-9	10.25
Propylene Glycol		57-55-6	8.00
Distilled Water		7732-18-5	12.24

Ingredients	(ultra blue) deep blue	CAS No	% Conc.
Acrylic Resin		9003-01-4	48.12
Barium Sulfate		7727-43-7	8.89
CI Pigment Blue 15:3		147-14-8	30.00
2-amino-2-methylpropanol		124-68-5	0.13
Propylene Glycol		57-55-6	6.00
Distilled Water		7732-18-5	6.86

Ingredients	(phthalo blue) 酞菁蓝	CAS No	% Conc.
Acrylic Resin		9003-01-4	53.15
Barium Sulfate		7727-43-7	14.93
Hydrated Silica		112926-00-8	0.50
CI Pigment Blue 15		147-14-8	11.26
2-amino-2-methylpropanol		124-68-5	0.12
Propylene Glycol		57-55-6	8.00
Distilled Water		7732-18-5	12.04

Ingredients	(viridian) 鲜绿色的	CAS No	% Conc.
Acrylic Resin		9003-01-4	59.12
Barium Sulfate		7727-43-7	11.89
Hydrated Silica		112926-00-8	0.50
CI Pigment Green 7		1328-53-6	4.71
CI Pigment Blue 15		147-14-8	0.19
2-amino-2-methylpropanol		124-68-5	0.13
Propylene Glycol		57-55-6	8.00
Distilled Water		7732-18-5	15.46

Ingredients	(sap green) 暗绿色	CAS No	% Conc.
Acrylic Resin		9003-01-4	62.16
Barium Sulfate		7727-43-7	8.57
Hydrated Silica		112926-00-8	0.50
CI Pigment Green 7		1328-53-6	3.41
CI Pigment Yellow 83		5567-15-7	4.10
2-amino-2-methylpropanol		124-68-5	0.12
Propylene Glycol		57-55-6	8.00
Distilled Water		7732-18-5	13.14

Ingredients	(yellow ochre) 赭黄色	CAS No	% Conc.
Acrylic Resin		9003-01-4	52.36
Barium Sulfate		7727-43-7	2.28
Iron Oxide Red		1309-37-1	34.00
2-amino-2-methylpropanol		124-68-5	0.12
Propylene Glycol		57-55-6	6.00
Distilled Water		7732-18-5	5.24

Ingredients	(burnt sienna) 赭色	CAS No	% Conc.
Acrylic Resin		9003-01-4	56.75
Barium Sulfate		7727-43-7	7.85
Hydrated Silica		112926-00-8	0.80

Iron Oxide Red	1309-37-1	7.00
2-amino-2-methylpropanol	124-68-5	0.10
Propylene Glycol	57-55-6	8.50
Distilled Water	7732-18-5	19.00

Ingredients (burnt umber) 棕色的	CAS No	% Conc.
Acrylic Resin	9003-01-4	46.56
Barium Sulfate	7727-43-7	12.76
Iron Oxide Red	1309-37-1	24.56
CI Pigment Black 7	1333-86-4	1.49
2-amino-2-methylpropanol	124-68-5	0.11
Propylene Glycol	57-55-6	6.00
Distilled Water	7732-18-5	8.52

Ingredients (black)	CAS No	% Conc.
Acrylic Resin	9003-01-4	62.36
Barium Sulfate	7727-43-7	8.41
Hydrated Silica	112926-00-8	0.50
CI Pigment Black 7	1333-86-4	11.40
2-amino-2-methylpropanol	124-68-5	0.11
Propylene Glycol	57-55-6	8.00
Distilled Water	7732-18-5	9.22

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#### 4. FIRST AID MEASURES

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**Inhalation:** Move to fresh air.

**Skin contact:** Wash with water and soap as a precaution. If skin irritation persists, call a physician.

**Eye contact:** Rinse with plenty of water. If eye irritation persists, consult a specialist.

**Ingestion:** Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

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#### 5. FIRE-FIGHTING MEASURES

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**Thermal decomposition** Thermal decomposition may yield acrylic monomers.

**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.

**Specific hazards during fire fighting:** Material can splatter above 100C/212F. Dried product can burn.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal precautions

Use personal protective equipment.  
Keep people away from and upwind of spill/leak.  
Material can create slippery conditions.

### Environmental precautions

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

### Methods for cleaning up

Contain spills immediately with inert materials (e.g., sand, earth).  
Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

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## 7. HANDLING AND STORAGE

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### Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

**Further information on storage conditions:** Keep from freezing - product stability may be affected.  
STIR WELL BEFORE USE.

### Storage

**Storage temperature:** 1 - 49 °C

**Other data:** Monomer vapors can be evolved when material is heated during processing operations.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Exposure controls

**Eye protection:** safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.

**Hand protection:** The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves

**Respiratory protection:** Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, 89/686/EEC ), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Protective measures:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

**Engineering measures:** Use only in area provided with appropriate exhaust ventilation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Physical state

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### Colour

Titanium white, lemon yellow, crimson red, vermilion, ultra blue,phthalo blue, viridian, sap green, yellow ochre, burnt sienna, burnt umber, black

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<b>Odour</b>	monotony
<b>pH</b>	9.0 - 10.0
<b>Boiling point/range</b>	100 °C water
<b>Melting point/range</b>	0 °C water
<b>Flash point</b>	Noncombustible
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Vapour pressure</b>	2,266.474 Pa at 20 °C water
<b>Relative vapour density</b>	<1.0water
<b>Water solubility</b>	Dilutable
<b>Relative density</b>	1.00 - 1.20
<b>Viscosity, dynamic</b>	50 - 400 mPa.s
<b>Evaporation rate</b>	<1 water
<b>Percent volatility</b>	49 - 51 % water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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## 10. STABILITY AND REACTIVITY

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<b>Hazardous reactions</b>	None known. Stable
<b>Materials to avoid</b>	There are no known materials which are incompatible with this product.
<b>polymerization</b>	Product will not undergo polymerization.

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## 11. TOXICOLOGICAL INFORMATION

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No data are available for this material. The information shown is based on profiles of compositionally similar materials.

<b>Acute oral toxicity</b>	LD50 rat > 5,000 mg/kg
<b>Acute dermal toxicity</b>	LD50 rabbit > 5,000 mg/kg
<b>Skin irritation</b>	rabbit May cause transient irritation.
<b>Eye irritation</b>	rabbit No eye irritation

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## 12. ECOLOGICAL INFORMATION

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There is no data available for this product.

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### 13. DISPOSAL CONSIDERATIONS

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**Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

#### Disposal

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

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### 14. TRANSPORT INFORMATION

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#### Classification for ROAD and Rail transport:

Not regulated (Not dangerous for transport)

#### Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

#### Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

#### Hazchem Code

None Allocated

*Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations*

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### 15. REGULATORY INFORMATION

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Labelling in accordance with EC-Directives

The preparation is not classified according European regulation on hazardous substance: Directive 67/548/CE 31<sup>ème</sup> adaptation and on hazardous preparations: Directive 2006/8/CE

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### 16. OTHER INFORMATION

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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