

00914-7029



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Material Safety Data Sheet

1. Chemical Product and Company Identification

DESCRIPTION: HIMI GOUACHE PAINT 48COLORS
ITEM NUMBER: TSF87,TST87,TST88,TST125,TST126
PRODUCT TYPE: Waterborne Pigments
APPLICATION: Paper painting, etc

• Manufacturer/Supplier Information

MSDS Prepared by:
Hangzhou MIYA Stationery Co.,LTD
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2. Composition, Information on Ingredients

Chemical Name	Percentage	CAS No.
Arabic Gum	13	9000-01-5
Starch soluble	14	9005-84-9
Water	38	7732-18-5
Bronopol	0.1	52-51-7
Calcium carbonate	11.9-26.6	471-34-1
Silicon dioxide	3-9	14808-60-7
Pigment powder	1.2-20	-

List of pigment powder

Colors	Chemical Name	Percentage	CAS No.
TITANIUM WHITE	Titanium dioxide	8	13463-67-7
WHITE	Titanium dioxide	15	13463-67-7
NAPLES YELLOW	Titanium dioxide	8	13463-67-7
	Iron hydroxide oxide	0.1	20344-49-4
YELLOW CREAM	Pigment Yellow 3	1	6486-23-3
	Titanium dioxide	7	13463-67-7

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TEETH YELLOW GRAY	Titanium dioxide	7	13463-67-7
	Iron hydroxide oxide	0.9	20344-49-4
	Copper phthalocyanine	0.1	147-14-8
LIGHT TAN	Titanium dioxide	6	13463-67-7
	Iron hydroxide oxide	1.2	20344-49-4
	Carbon Black	0.1	1333-86-4
NUDE	Titanium dioxide	12	13463-67-7
	Pigment Permanent Orange G	0.1	3520-72-7
KAOLIANG RED	Pigment Red 170	0.2	2786-76-7
	Pigment Permanent Orange G	3	3520-72-7
	Titanium dioxide	6	13463-67-7
PURPLE ROSE	Titanium dioxide	12	13463-67-7
	C.I.Pigment Red 122	2	980-26-7
LILAC	Pigment Red 63:1	0.6	6417-83-0
	Carbon Black	0.3	1333-86-4
	Titanium dioxide	6	13463-67-7
RUSSET RED	Titanium dioxide	5	13463-67-7
	Pigment Red 170	0.3	2786-76-7
	Iron hydroxide oxide	3	20344-49-4
UNDERGLAZE RED	Carbon Black	0.1	1333-86-4
	Carbon Black	0.2	1333-86-4
	Iron hydroxide oxide	0.6	20344-49-4
LEMON YELLOW	Pigment Red 63:1	1.8	6417-83-0
	Titanium dioxide	5	13463-67-7
PRIMROSE	Pigment Yellow 3	8	6486-23-3
EARTH YELLOW	Fast Yellow G	6	2512-29-0
MEDIUM YELLOW	Iron hydroxide oxide	20	20344-49-4
	Pigment Permanent Orange G	0.2	3520-72-7
	Fast Yellow G	6	2512-29-0
ORANGE	Fast Yellow G	5	2512-29-0
	Pigment Permanent Orange G	1	3520-72-7
SALMON PINK	Fast Yellow G	4	2512-29-0
	Pigment Permanent Orange G	2	3520-72-7
PONCEAU	Pigment Red 63:1	2.36	6417-83-0
	Pigment Yellow 3	2.94	6486-23-3
ORIENTAL RED	Pigment Red 170	5	2786-76-7
DEEP RED	Pigment Red 63:1	3	6417-83-0
	Pigment Red 170	2.6	2786-76-7
ROSE	C.I.Pigment Red 122	3	980-26-7
PALE PURPLE	Titanium dioxide	12	13463-67-7

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	Pigment Violet 23	1	6358-30-1
AEGEAN SEA	Titanium dioxide	6	13463-67-7
	Pigment Violet 23	0.3	6358-30-1
	Copper phthalocyanine	0.1	147-14-8
POWDER BLUE	Titanium dioxide	7	13463-67-7
	Copper phthalocyanine	1	147-14-8
	Pigment Yellow 3	0.3	6486-23-3
SHALLOW CRAB	Titanium dioxide	7	13463-67-7
	Copper phthalocyanine	0.6	147-14-8
	Carbon Black	0.1	1333-86-4
	Iron hydroxide oxide	0.31	20344-49-4
GRAY	Titanium dioxide	9.1	13463-67-7
	Carbon Black	0.5	1333-86-4
JINGDE	Copper phthalocyanine	3	147-14-8
	Carbon Black	0.5	1333-86-4
	Titanium dioxide	5	13463-67-7
SKY BLUE	Titanium dioxide	12	13463-67-7
	Copper phthalocyanine	1	147-14-8
ACID BLUE	Copper phthalocyanine	6.4	147-14-8
	Pigment Yellow 3	0.25	6486-23-3
COBALT BLUE	Copper phthalocyanine	2	147-14-8
	Titanium dioxide	4	13463-67-7
	Pigment Blue 1	2	1325-87-7
ULTRAMARINE	Copper phthalocyanine	1	147-14-8
	Pigment Blue 1	2	1325-87-7
PRUSSIAN BLUE	Copper phthalocyanine	4	147-14-8
	Pigment Violet 23	1	6358-30-1
BLACK	Carbon Black	8	1333-86-4
VIOLET	Basic Violet 11:1	0.3	73398-89-7
	Pigment Violet 23	1	6358-30-1
PALE VIOLET	Pigment Violet 23	2	6358-30-1
	Titanium dioxide	1	13463-67-7
SPRING CYAN	Titanium dioxide	7	13463-67-7
	Copper phthalocyanine	0.17	147-14-8
	Pigment Yellow 3	0.43	6486-23-3
PINK GREEN	Titanium dioxide	6	13463-67-7
	Pigment Yellow 3	2	6486-23-3
	Copper phthalocyanine	1	147-14-8
PERFUME LILY	Titanium dioxide	6	13463-67-7
	Pigment Yellow 3	2	6486-23-3
	Phthalocyanine Green G	0.2	1328-53-6
YELLOW GREEN	Phthalocyanine Green G	1	1328-53-6
	Pigment Yellow 3	6	6486-23-3

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PALE GREEN	Phthalocyanine Green G	1	1328-53-6
	Pigment Yellow 3	5	6486-23-3
GRASS GREEN	Phthalocyanine Green G	1	1328-53-6
	Pigment Yellow 3	14	6486-23-3
MEDIUM GREEN	Phthalocyanine Green G	4	1328-53-6
	Titanium dioxide	4	13463-67-7
JADE GREEN	Phthalocyanine Green G	4	1328-53-6
	Copper phthalocyanine	1	147-14-8
OLIVE GREEN	Pigment Yellow 3	1.3	6486-23-3
	Pigment Permanent Orange G	3.3	3520-72-7
	Phthalocyanine Green G	1	1328-53-6
BLACKISH GREEN	Copper phthalocyanine	2	147-14-8
	Pigment Yellow 3	4	6486-23-3
BURNT UMBER	Carbon Black	10	1333-86-4
	Iron hydroxide oxide	8	20344-49-4
OCHRE	Iron(III) oxide	1.2	1332-37-2

3. Hazards Identification

3.1 Emergency Overview

Appearance Opaque paste, colored
 Odor No
 CAUTION!
 Not an immediate health hazard
 Away from open fire, hot surface

- HMIS Rating**

HEALTH = 1 (slight)
 FLAMMABILITY = 0 (minimal)
 REACTIVITY = 0 (minimal)

3.2 Potential Health Effects

- Immediate Hazards**

INGESTION: Harmless
 INHALATION: Harmless
 SKIN: Harmless
 EYES: Harmless

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- **Delayed Hazards**

None of the components present in this product at concentrations equal to or greater than 0.1% has been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen.

4. First Aid Measures

INGESTION:	Drink plenty of water without vomiting
INHALATION:	Transfer the victim to the fresh air and maintain a comfortable breathing rest position
SKIN:	Wash affected area with soap and water. Get medical attention if irritation develops or persists.
EYES:	Rinse carefully with water for several minutes. If irritation persists, see a doctor

5. Fire Fighting Measures

Autoignition Temperature	Not available
Upper/Lower Flammable Limits	Not applicable
Up/Lower Explosive Limits, %by Vol	Not applicable
Flash Point	Not applicable

Will not burn unless water has evaporated. Dried material may burn.
In case of fire, water should be used to keep fire-exposed containers cool.

6. Accidental Release Measures

Sweep up and remove to a chemical disposal area.
Prevent entry into natural bodies of water.

7. Handling and Storage

7.1 Handling

Handle in accordance with good industrial hygiene and safety practices.

INHALATION:	Avoid prolonged or repeated breathing of dust or vapor.
SKIN:	Avoid prolonged or repeated contact with skin and clothing.
EYES:	Avoid prolonged or repeated contact with eyes.

7.2 Storage

Store in a cool place with moderate humidity .
Keep containers tightly closed.

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8. Exposure Controls/Personal Protection

8.1 Exposure Controls

No special control measure necessary under normal conditions of use.

8.2 Personal Protection

No special protection necessary under normal conditions of use.

8.3 Exposure Guidelines

None established

9. Physical and Chemical Properties

Percent Volatiles	40 ± 5
pH @ 25 C	7-9
Specific Gravity	1.60-1.80g/cm ³
Appearance	Opaque paste, colored
Autoignition Temperature	Not available
Boiling Point	100 °C
Vapor Density (Air=1)	Unknown
Vapor Pressure, mm Hg @ 20 C	—
Evaporation Rate (Butyl Acetate=1)	Unknown
Upper/Lower Flammable Limits	Not applicable
Up/Lower Explosive Limits, % by Vol	Not applicable
Flash Point	>95 °C
Freezing Point	-5 °C
Drying temperature	0 °C
Odor	No
Odor Threshold, ppm	Not applicable
Solubility in Water	Freely soluble

10. Stability and Reactivity

Normally stable

- **Incompatibilities:**

Not known to border

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- **Decomposition products may include:**

Oxides of carbon

- **Hazardous polymerization:**

Will not occur.

- **Other Hazards:**

None known to company.

11. Toxicological Information

See Section 3 Hazards Identification information.

12. Ecological Information

Not determined.

13. Disposal Considerations

Dispose of according to local, state/provincial, and federal requirements.

14. Transport Information

14.1 U.S. Department of Transportation (DOT)

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.
Non-Regulated.

14.2 Canadian Transportation of Dangerous Goods (TDG)

Non-Regulated.

14.3 Suggestion according to IMO IMDG Code

The substance is not subject to IMO IMDG Code.

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15. Regulatory Information- classification and identification (Selected Regulations)

Not subject of the identification regulations.

Hazard trigger:

Special declaration:

National regulations/information:

WGK: 1, slightly water-endangering product. (German VwVwS of May 17, 1999)

Classification in conformity with the calculation method

Storage class VCI: 11

16. Other Information

HIMI GOUACHE PAINT 48COLORS conforms to ASTM D4236, TRA and EN71 Part 3.

- **User's Responsibility**

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

- **Disclaimer**

Seller makes no warranty, express or implied, and concerning the product or the merchant ability or fitness thereof for any purpose except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

ISSUE: 1st-March-2024

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