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**MATERIAL SAFETY DATA SHEET**

Product name: GOUACHE COLORS

6179.

Printing Date: 10/01/2013

**1.PRODUCT AND COMPANY IDENTIFICATION****Product name:** GOUACHE COLORS**CAS #:** Mixtures**Manufacturer/Supplier:****Company Name:** Royal Brush Manufacturing, Inc.**Company Address:** 515 West 45 St. Munster, IN 46321**Telephone Number:** 219-660-4170**Contact Person:** Michael C. Dovellus

|                     |                       |                  |                        |
|---------------------|-----------------------|------------------|------------------------|
| <b>Colors Name:</b> | 1)Zinc Titanium White | 2)Lemon Yellow   | 3)Yellow Ochre         |
| 4)Scarlet           | 5)Burnt Sienna        | 6)Burnt Umber    | 7)Ultramarine Blue     |
| 8)Viridian          | 9)Emerald Green       | 10)Vermillion    | 11)Phthalocyanine Blue |
| 12)Black            | 13)Chinese White      | 14)Orange Yellow | 15)Raw Sienna          |
| 16)Purple Red       | 17)Cerulean Blue      | 18)Raw Umber     | 19)Prussian Blue       |
| 20)Flesh Yellow     | 21)Peach Pink         | 22)Silver Grey   | 23)Cobalt Blue         |
| 24)Sky Blue         |                       |                  |                        |

**2.COMPOSITION / INFORMATION ON INGREDIENTS**

| <b>Componet</b>             | <b>CAS No.</b> |
|-----------------------------|----------------|
| Peach gum                   | 9000-01-5      |
| Glycerol                    | 56-81-5        |
| Silicon dioxide             | 7631-86-9      |
| kaolinnita                  | 1318-74-7      |
| LITHOPONE                   | 1345-05-7      |
| ACTICIDE LA1209             | 26172-55-4     |
| R-902+ titanium dioxide     | 13463-67-7     |
| Pigment Green 7             | 1328-53-6      |
| S190-red iron oxide         | 1307-37-1      |
| Fastona orange G            | 3520-72-7      |
| Synthetic Iron Oxide Yellow | 20344-49-4     |
| FASTONA YELLOW G            | 2512-29-0      |
| 5008 ultramarine            | 57455-37-5     |
| Fast Bule B                 | 147-14-8       |
| Pigment Yellow 10G          | 6486-23-3      |
| MA-100 Carbon black         | 1333-86-4      |
| FAST RED F4R                | 6410-30-6      |
| 3132 fast red 2R            | 6410-26-0      |
| 3165lithol bordeaux 2r      | 6417-83-0      |
| Iron_Blue A103              | 14038-43-8     |
| pigment red 81              | 12224-98-5     |
| Pigment violet 1            | 1326-03-0      |

**3.HAZARDS IDENTIFICATION****Primary Routes of Exposure**

Inhalation

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## 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

## 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.

## 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 100°C/212°F. Dried product can burn

### Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus and protective suit.

## 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

## 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 condition:** Keep from freezing-product stability may be affected.  
**STIR WELL BEFORE USE.**

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## Storage

Storage temperature: 1-49°C

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

## 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 gloves 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), 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                         |                 |
|-------------------------|-----------------|
| Physical state          | Ointment        |
| Odour                   | Ammonia         |
| pH                      | 6.0-7.0         |
| Boiling point/range     | Not applicable. |
| Melting point/range     | Not applicable. |
| Flash point             | Noncombustible  |
| Lower explosion limit   | Not applicable. |
| Upper explosion limit   | not applicable  |
| Vapour pressure         | Not applicable. |
| Relative vapour density | Not applicable. |
| Water solubility        | Not applicable. |
| Relative density        | Not applicable. |
| Viscosity, dynamic      | Not applicable. |
| Evaporation rate        | Not applicable. |
| Percent Volatility      | Not applicable. |

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

## 10. STABILITY AND REACTIVITY

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## Hazardous reactions

None known.

Stable

## Materials to avoid

There are no known materials which are incompatible with this product.

## Polymerization

Product will not undergo polymerization

## 11.TOXICOLOGICAL INFORMATION

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No-toxic

## 12.ECOLOGICAL INFORMATION

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There is no data available for this product

## 13.DISPOSAL CONSIDERATIONS

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**Environmental precautions:** CAUTION: Keep spills and cleanig 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.

## 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

## 15.REGULATORY INFORMATION

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Labelling in accordace with EC-Directives

Hazard warning labelling not compulsory

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## **16.OTHER INFORMATION**

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The information provide 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 handle,use,processing,storage,transportation,disposal and release and is not to be considered and may not be considered a warranty or quality specificationn. 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.