

9731604

RA 18538

MATERIAL SAFETY DATA SHEET

Product name: WATER COLORS

3210

Printing Date: 10/012013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: WATER 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

Sample Description:

Colors Name:	1)White	2)Burnt Umber	3)Lemon Yellow
	4)Yellow Ochre	5)Deep Green	6)Vermillion
	7)Crimson Red Lake	8)Burnt Sienna	9)Violet
	10)Sap Green	11)Prussian Blue	12)Black
	13)Rose	14)Gamboge	15)Pale Green
	16)Orange Yellow	17)Cerulean Blue	18)Ultramarine Blue
	19)Phthalocyanine Green	20)Scarlet	21)Cobalt Blue
	22)Raw UmberBlue	23)Mauve	24)Yellow Pale

2. COMPOSITION / INFORMATION ON INGREDIENTS

Componet	CAS No.
Peach gum	9000-01-5
Glycerol	56-81-5
Silicon dioxide	7631-86-9
ALUMINUM HYDROXIDE	8011-94-7
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
Fast PIGMENT RED R	2814-77-9
Iron_Blue A103	14038-43-8
pigment red 81	12224-98-5
Pigment violet 3	1325-82-2
Pigment violet 1	1326-03-0
Pigment yellow 43	64294-91-3

3. HAZARDS IDENTIFICATION

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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

4.FIRST AID MEASURES

Inhalation: Move to fresh air.
Skin Contact: Wash with water and soap as a precaution,if skin irritation persists,call a physican.
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

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/212F.Dried product can burn
Special protective equipment for fire-fighters:
Wear self-contained breathing apparatus and protective suit.

6.ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protectiv 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 fo

7.HANDLING AND STORAGE

Handling

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

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Further information on storage condition: 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.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Eye protection:safety glasses with side-shields Eys 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 resistan 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 materail should be equipped with an eyewash facility

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

9.PHYSICAL AND CHEMICAL PROPERTIES

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 psented above are typical values and should not be construed as a specification.

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10. STABILITY AND REACTIVITY

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

No-toxic

12. ECOLOGICAL INFORMATION

There is no data available for this product

13. DISPOSAL CONSIDERATIONS

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

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 accordance with EC-Directives

Hazard warning labelling not compulsory

16. OTHER INFORMATION

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.