02811-1001



Test Report

Aug 5, 2010

Page 1 of 1

ISSUE DATE: SHANG HAI LAB LOCATION: CA-10-02911 PAGE: **REPORT NUMBER:**

Royal Brush Manufacturing, Inc. **Applicant**

6707 Broadway, Merrillville, IN 46410 USA

Michael Dovellos **Contact Person**

MEDLESS CITCH PEDMIC/ COLLEGED LEAD STICKS Sample Description 12 colors pencil

1) Yellow 2) Dark Orange

3) Red 4) Pink

5) Purple 6) Blue

7) Light Sky Blue 8) Green 9) Light Green

10) Brown 11) Black 12) White

Buyer

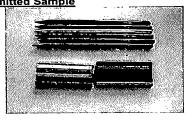
Vendor Manufacturer

Country of Origin Country of Destination
Date of Submission USA

Jul 30, 2010

Test Performance Dates Jul 30, 2010 - Aug 5, 2010





EXECUTIVE SUMMARY

Item Numbers: 02811-1001

The contents and format of this Material Safety Data Sheet (MSDS) are in accordance with 29 CFR 1910.1200(g)

For and on behalf of Modern Testing Services Co., Ltd.

Dr. Yue, Tao Richard **Laboratory Director**

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Modern Testing Services Co., Ltd.
No. 105 Guangzhong Rd., Zhuanqiao Town, Minhang, Shanghai, China P.R.C.201108
Tel: (86) 21-64892468 Fax: (86) 21-64423289 Email info@mts-global.com Website: www.mts-global.com

USA • Germany • UK • China • Hong Kong • Taiwan • Singapore • India • Thailand • Korea • Indonesia • Australia Page 1 of 34

Material Safety Data Sheet Read and Understand Material Safety Data Sheet Before Handling or Disposing of Product

Section 1 - Identification of the product and of the company/undertaking

Product details

Commercial name: Yellow, Dark Orange, Red, Pink, Purple, Blue, Light Sky Blue, Green, Light Green.

Brown, Black, White

Application of the substance: 12 PC COLOR PENCIL

Manufacturer/Supplier: Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Tel: 219-880-4170 Fax: 219-880-4181

Information in case of emergency:

Contact: Michael Dovellos

Tel: 219-880-4170

Section 2 - Composition/information on ingredients

.Chemical characterization

Description: This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

Mixture of substances listed below with additions.

Components/Chemicals name:	CAS No.	Range (%)by W1.
Carbon Black	1333-86-4	0-14.0
Saponite	1319-41-1	40.0
Titanium Dioxide	13463-67-7	2.0-14.0
Pigment red 57	5281-04-9	0-0.4
Pigment red 21	6410-26-0	0-8.0
Clay	1829-00-1	10.0
Carboxyl Methyl Cellulose	9004-32-4	8.0
Paraffin Wax	63231-60-7	8.0
Zinc Disterarate	557-05-1	20.0-28.0
Fastona Yellow G	2512-29-0	0-8.0
Basic violet l	8004-87-3	0-4.0
Pigment Pemanent Orange	3520-72-7	0-8.0
Pigment Green 7	1328-53-6	4.1-8.2

Remark: "Ingredient Sheet" for the complete specific list of ingredients for color/shade. All colors contain the above ingredients.

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Section 3 - Hazards identification

.Information pertaining to particular dangers for man and environment:

The product does not have to be labeled due to the calculation procedure of international guidelines.

.Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

.HMIS-ratings (scale 0 - 4)



Health =0: Fire = 1: Reactivity = 0

Hazard Scale: 0 = Minimal | 1 = Slight | 2 = Moderate | 3 = Serious | 4 = Severe | * = Chronic Hazard

Section 4 - First aid measures

- ·General information: No special measures required.
- "After swallow: If swallowed, get medical aid.
- ·Recommendations to physicians: Not Applicable

Section 5 - Fire-fighting measures

- ·This product is a natural organic product and does not cause a significant hazard of burning. It should be treated as wood material
- ·Protective equipment: No special measures required.
- ·Hazardous Combustion Products: Carbon dioxide, carbon monoxide.
- ·Unusual Fire or Explosion Hazards: Not Applicable.
- *Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Section 6 - Accidental release measures

·Personal Precautions: Sweep up using dustpan and brush.

Section 7 - Handling and storage

- ·Handling:
- Information for safe handling: Keep away from sources of ignition. Wash thoroughly after handling.
- •Information about protection against explosions and fires: No special measures required.
- ·Storage.
- *Requirements to be met by storerooms and receptacles: Keep away from direct sources of heat or ignition. Avoid extreme temperatures (Heat: Light: Moisture). Position containers so that any labeling information is visible.
- Information about storage in one common storage facility: Not required.
- ·Further information about storage conditions: None.

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Section 8 - Exposure controls/personal protection

.Engineering Controls:

No believed to be significant as supplied.

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and ate the end of work

Section 9 - Physical and chemical properties

.General Information		
Form:	Hexagonal	
Color:	Color	
Odor:	None	
.Change in condition		
Melting point/Melting range:	Not available	,
Boiling point/Boiling range:	Not available	
.Flash point:	Not applicable	
.Self-igniting:	Product is not self-igniting	
.Danger of explosion:	Not available	
.Density:	Not available	
.Relative density:	Not available	
.Vapor density:	Not available	
.Evaporation rate	Not available	
.Solubility in/Miscibility with		
Water:	None soluble	
.PH-Value:	Not available	
.Viscosity:		
Dynamic:	Not available	

Section 10 - Stability and reactivity

- .Dangerous reactions: No dangerous reactions known.
- .Dangerous products of decomposition: No dangerous decomposition products known.
- .Materials with which substance is incompatible: None known.
- .Conditions to Avoid: Avoid exposure or contact to extreme temperatures, incompatible chemicals

Section 11 - Toxicological information

.General:

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, the listed pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product.

- .Skin contact: No evidence of harmful effects from available information.
- .Eye contact: No evidence of harmful effects from available information.
- .Ingestion: Maybe harmful if swallowed. Contact Physician Immediately.

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- .Chronic (long-term toxicity):No known published data available and no adverse effects expected.
- .Sensitization: Data not established for this product.
- .Chronic Toxicity: Data not established for this product.
- .Reproductive Toxicity: Data not established for this product.
- .Mutagenicity:No mutagenic effects known or expected.

Section 12 - Ecological information

This product has not been evaluated for its eco-toxicity. However, the biodegradation of Organic & Inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since Organic & Inorganic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Section 13 - Disposal considerations

Dispose of in accordance with all applicable Federal, state and local regulations.

Section 14 - Transport information

Not Classified as "Hazardous for Transport"

- .DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled product (United States).
- .Hazard class number and description: Not applicable
- .Packing Group: Not applicable
- .UN Identification: Not applicable
- .U.S. DOT: Not applicable
- North American Emergency response guidebook number, 2000: Not applicable
- Marine Pollutant: No component of these products is designated as a Marine Pollutant, per Appendix B to 49 CFR 172, 101
- .Transport Canada transportation of dangerous goods regulations: These products are not considered as dangerous goods, per regulations of transport Canada.
- Air transport ICAO-TI and IATA-DGR: Not applicable
- .ICAO/IATA Class: Not applicable

Section 15 - Regulatory information

.Section 355 (extremely hazardous substances):

None of the ingredients is listed.

.Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

- .TSCA (Toxic Substances Control Act):
- All ingredients are listed.
- .Proposition 65
- .Chemicals known to cause cancer:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

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.Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

.Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

.Cancerogenity categories

.EPA (Environmental Protection Agency)

None of the ingredients is listed.

.IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

.NTP (National Toxicology Program)

None of the ingredients is listed.

.TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

.NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

.OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Additionally:

Product related hazard information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Section 16 - Other information

The contents and format of this MSDS are in accordance with 29 CFR 1910. 1200(g)

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handing, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may be applicable.

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Test Report

Aug 18, 2009 ISSUE DATE: LAB LOCATION: **SHANG HAI** PAGE: Page 1 of 1 REPORT NUMBER: CA-09-04610

Applicant

Royal Brush Manufacturing, Inc. 6707 Broadway, Merrillville, IN 46410 USA

Michael Dovellos Contact Person 18 pc oil color paint Sample Description

1) Black 2) Burnt Sienna 3) Burnt Umber 4) Cerulean Blue 5) Chinese White

6) Emerald Green 7) Lemon Yellow 8) Orange Yellow 9) Phthalocanine Blue 10) Purple Red 11) Raw Sienna 12) Raw Umber 13) Scarlet

14) Ultramarine Blue 15) Vermilion 16) Viridian 17) Yellow Ochre

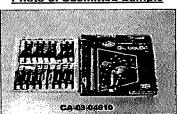
18) Zine Titanium White

Buyer Vendor

Manufacturer Country of Origin China **Country of Destination** USA Aug 6, 2009 Date of Submission

Aug 6, 2009 - Aug 18, 2009 **Test Performance Dates**

Photo of Submitted Sample



EXECUTIVE SUMMARY

The contents and format of this Material Safety Data Sheet (MSDS) are in accordance with 29 CFR 1910.1200(g)

For and on behalf of Modern Testing Services Co., Ltd.

Zeharo

Dr. Yue, Tao Richard **Laboratory Director**

Modern Testing Services Co., Ltd.

No. 105 Guangzhong Rd., Zhuanqiao Town, Minhang, Shanghai, China P.R.C.201108

Tel: (86) 21-64892468 Fax: (86) 21-64423289 Email: info@mts-global.com Website : www.mts-global.com



Material Safety Data Sheet

Read and Understand Material Safety Data Sheet Before Handling or Disposing of Product

Section 1 - Identification of the product and of the company/undertaking

Product details

Commercial name: Black, Burnt Sienna, Burnt Umber, Cerulean Blue, Chinese white, Emerald Green, Lemon yellow, Orange Yellow, Phthalocanine Blue, Purple Red, Raw Sienna, Raw Umber, Scarlet, Ultramarine Blue, Vermilion, Viridian, Yellow Ochre, Zinc titanium White

Application of the substance: 18 pc oil color paint

Manufacturer/Supplier: Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Tel: 219-880-4170 Fax: 219-880-4181

Information in case of emergency:

Contact: Michael Dovellos

Tel: 219-880-4170

Section 2 - Composition/information on ingredients

.Chemical characterization

.Description: This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

.Mixture of substances listed below with additions.

Components/Chemials	CAS No.	Range (%)by Wt.
name:		
Calcium carbonate	471-34-1	10-20
Barium sulfate	7727-43-7	17-30
Linseed oil	68015-35-0	30-50
Toluidine red	2425-85-6	0-18
Toluidine Maroon	6535-47-3	0-16
Hansa yellow 10G	6486-23-3	0-23
Titanium white	13463-67-7	0-40
Phthalo green	1328-53-6	0-8
Hansa yellow G	2512-29-0	0-23
Iron oxide	1332-37-2	8-18
Phthalo blue	147-14-8	0-15
Iron oxide yellow	51274-00-1	0-25
Vernuillon R	2814-77-9	0-18
Fast reddish blue lake	1325-87-7	0-20
Carbon black	1333-86-4	0-20
Yingli blue	NA	0-18
Fast jade green lake	NA	0-18

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.Remark: "Ingredient Sheet" for the complete specific list of ingredients for color/shade. All Colors contain the above ingredients.

Section 3 - Hazards identification

Information pertaining to particular dangers for man and environment:

The product does not have to be labeled due to the calculation procedure of international guidelines.

.Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

.Safety: Not classified as flammable, explosive or oxidizing. Unclassified.

·Eyes: May cause eye irritation.

.Skin: May cause skin irritation.

·Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.

•Inhalation: It is unlikely that inhalation will be a route of exposure.

.Chronic Effects: Not available.

.NFPA ratings (scale 0 - 4)



Health = 1: Fire = 1: Reactivity = 0

.HMIS-ratings (scale 0 - 4)



Health = 1: Fire = 1: Reactivity = 0

Section 4 - First aid measures

·General information: No special measures required.

After Eye Contact: Flush eyes with plenty of lukewarm water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

After Skin Contact: If irritation occurs, flush skin with plenty of soap and warm water while removing contaminated clothing and shoes. Get medical aid if irritation develops or reaction persists.

After Inhalation: Remove to fresh air and provide water. Seek medical attention if feel ill or a reaction develops.

*Medical conditions aggravated by exposure: No medical conditions are known to be aggravated by these products.

Section 5 - Fire-fighting measures

- Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- ·Protective equipment: No special measures required.
- ·Hazardous Combustion Products: Carbon dioxide, carbon monoxide.
- ·Unusual Fire or Explosion Hazards: Not Applicable.
- *Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

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Section 6 - Accidental release measures

·Personal Precautions:

Restrict access to the area of the spill. Provide ventilation, NIOSH / MSHA approved respirator and protective clothing. Scrape up caulk and place in container for disposal. Cleaning may require steam or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state, provincial, federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup.

Section 7 - Handling and storage

- ·Handling:
- Information for safe handling: Provide adequate ventilation in storage area. Keep away from sources of ignition. Do not smoke. Keep away from heat, sparks, and flame. Keep container closed when not in use. Avoid contact with eyes and skin. Wash thoroughly after handling.
- -Information about protection against explosions and fires: No special measures required.
- ·Storage:
- Requirements to be met by storerooms and receptacles: Keep away from direct sources of heat or ignition. Avoid extreme temperatures (Heat; Light; Moisture). Store away from food and beverages. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labeling information is visible.
- ·Information about storage in one common storage facility: Not required.
- ·Further information about storage conditions: None.

Section 8 - Exposure controls/personal protection

- .Additional information about design of technical facilities: No further date; see item 7.
- .Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

- .Additional information: The lists valid during the making were used as basis.
- .General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and ate the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Section 9 - Physical and chemical properties

.General Information	
Form:	Paste
Color:	Color
Odor:	Mild
.Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
.Flash point:	Not applicable
.Self-igniting:	Product is not self-igniting

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.Danger of explosion:	Not available	
.Density:	Not available	
.Relative density:	Not available	
.Vapor density:	Not available	
.Evaporation rate	Not available	
.Solubility in/Miscibility with		
Water:	Mix	
.PH-Value:	Not available	
.Viscosity:	****	
Dynamic:	Not available	

Section 10 - Stability and reactivity

- .Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- .Dangerous reactions: No dangerous reactions known.
- .Dangerous products of decomposition: No dangerous decomposition products known.
- .Materials with which substance is incompatible: None known.
- .Hazardous Polymerizations: Will not occur.
- .Conditions to Avoid: Avoid exposure or contact to extreme temperatures, incompatible chemicals.

Section 11 - Toxicological information

.General:

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, the listed pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product. .Skin contact: May cause minor irritation with itching and possible slight local redness.

Prolonged or repeated contact may cause drying of the skin. No evidence of harmful effects from available information.

- .Eye contact: Accidental Direct Eye Contact may cause abrasion and irritation. Corneal injury may occur.
- Inhalation: Not expected to be an inhalation hazard. However, high concentrations of vapor may cause irritation of the respiratory tract with coughing and chest discomfort. May also cause headache and drowsiness. Excessive levels of fumes may result in discomfort after repeated or prolonged exposures.
- .Ingestion: Maybe harmful if swallowed. Contact Physician Immediately.
- .Chronic (long-term toxicity): No known published data available and no adverse effects expected.
- .Mutagenicity: Materials in sufficient quantity to be injurious to humans or to cause acute or chronic health problems Conforms to ASTM-D4236
- .Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for .Preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12 - Ecological information

This product has not been evaluated for its ecotoxicity. However, the biodegradation of Organic & Inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since Organic & Inorganic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

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Section 13 - Disposal considerations

Dispose of in accordance with all applicable Federal, state and local regulations.

Section 14 - Transport information

- .Not Classified as "Hazardous for Transport"
- .DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States).
- .Hazard class number and description: Not applicable
- . Packing Group: Not applicable
- .UN Identification: Not applicable
- .U.S. DOT: Not applicable
- .North American Emergency response guidebook number, 2000: Not applicable
- .Marine Pollutant: No component of these products is designated as a Marine Pollutant, per Appendix B to 49 CFR 172, 101
- .Transport Canada transportation of dangerous goods regulations: These products are not considered as dangerous goods, per regulations of transport Canada.
- .Air transport ICAO-TI and IATA-DGR: Not applicable
- .ICAO/IATA Class: Not applicable

Section 15 - Regulatory information

- .Sara
- .Section 355 (extremely hazardous substances):
- None of the ingredients is listed.
- .Section 313 (Specific toxic chemical listings):
- None of the ingredients is listed.
- .TSCA (Toxic Substances Control Act):
- All ingredients are listed.
- .Proposition 65
- .Chemicals known to cause cancer:
- None of the ingredients is listed.
- .Chemicals known to cause reproductive toxicity for females:
- None of the ingredients is listed.
- .Chemicals known to cause reproductive toxicity for males:
- None of the ingredients is listed.
- .Chemicals known to cause developmental toxicity:
- None of the ingredients is listed.
- .Cancerogenity categories
- .EPA (Environmental Protection Agency)
- None of the ingredients is listed.
- .IARC (International Agency for Research on Cancer)
- None of the ingredients is listed.
- .NTP (National Toxicology Program)
- None of the ingredients is listed.
- .TLV (Threshold Limit Value established by ACGIH)
- None of the ingredients is listed.
- .NIOSH-Ca (National Institute for Occupational Safety and Health)
- None of the ingredients is listed.
- .OSHA-Ca (Occupational Safety & Health Administration)
- None of the ingredients is listed.

Additionally:

Product related hazard information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Section 16 - Other information

The contents and format of this MSDS are in accordance with 29 CFR 1910. 1200(g)

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handing, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may be applicable.

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Test Report

LAB LOCATION: SHANG HAI **ISSUE DATE:** Aug 11, 2009 REPORT NUMBER: CA-09-04492 PAGE: Page 1 of 1

Applicant Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Contact Person Michael Dovellos 24 colors oil pastels Sample Description

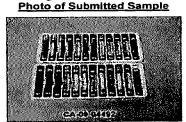
1) Crimson Red Lake 13) Yellow Ochre 14) Apple Green 2) Orange 3) Pink 15) Brunt Umber 4) Dark Blue 16) Raw Umber 17) Rose 5) Sky Blue 18) Purple Red 6) Violet 19) Vermilion 7) Grass Green 20) Emerald Green 8) Leaf Green 9) Lemon Yellow 21) Flesh tint

22) Raw Sienna 10) Burnt Sienna 11) White 23) Middle Blue 12) Black 24) Plumbic Gray

Buyer Vendor

Manufacturer **Country of Origin** China USA Jul 31, 2009 **Country of Destination**

Date of Submission Jul 31, 2009 - Aug 11, 2009 **Test Performance Dates**



EXECUTIVE SUMMARY

The contents and format of this Material Safety Data Sheet (MSDS) are in accordance with 29 CFR 1910.1200(g)

For and on behalf of Modern Testing Services Co., Ltd.

Dr. Yue, Tao Richard

Laboratory Director
to the limitations of liabaty, indemnification and jurisdepond issue defin

Modern Testing Services Co., Ltd.

No. 105 Guangzhong Rd., Zhuanqiao Town, Minhang, Shanghai, China P.R.C.201108

Tel. (86) 21-64892488 Fax: (86) 21-64423289 Email: info@mts-global.com Website: www.mts-global.com



Material Safety Data Sheet

Read and Understand Material Safety Data Sheet Before Handling or Disposing of Product

Section 1 - Identification of the product and of the company/undertaking

Product details

Commercial name: Crimson red lake, Orange, Pink, Dark blue, Sky blue, Violet, Grass green, Leaf green, Lemon yellow, Burnt sienna, White, Black, Yellow ochre, Apple green, Burnt umber, Raw umber, Rose, Purple red, vermilion, Emdrald green, Flesh tint, Raw sienna, Middle blue, Plumbic gray

Application of the substance: 24 colors Oil Pastel

Manufacturer/Supplier: Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Tel: 219-880-4170 Fax: 219-880-4181

Information in case of emergency:

Contact: Michael Dovellos

Tel: 219-880-4170

Section 2 - Composition/information on ingredients

.Chemical characterization

.Description: This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

.Mixture of substances listed below with additions.

.Components Number:	CAS No.	EINECS No.
C.I. (12335)	6410-30-6	229-100-4
C.I. (21110)	3520-72-7	222-530-3
C.I. (77891)	13463-67-7	236-675-5
C.I. (42595)	1325-87-7	215-410-7
C.I. (74160)	147-14-8	205-685-1
C.1. (42535:2)	1325-82-2	309-916-8
C.I. (74260)	1238-53-6	215-524-7
C.I. (11710)	6486-23-3	229-355-1
C.1 1(77491)	1307-37-1	215-168-2
C.I. (77492)	51274-00-1	257-098-5
C.I. (12335)	6410-30-6	229-100-4
C.I. (77266)	1333-86-4	215-609-9
C.I. (77492)	51274-00-1	257-098-5
C.I. (74260)	1238-53-6	215-524-7
C.I. (45170:2)	1326-03-0	215-413-3
C.I. (12395)	6735-47-3	201-635-8
C.I. (12085)	2814-77-9	220-562-2

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C.1.(74180)	67340-41-4	266-653-0
C.I. (21110)	3520-72-7	222-530-3
C.I. (77499)	12227-89-3	235-442-5

.Remark: "Ingredient Sheet" for the complete specific list of ingredients for color/shade. All colors contain the following ingredients.

Section 3 - Hazards identification

.Emergency Overview:

Vapors form from this product and may travel or can be moved by air currents and ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point. Vapors from this material may settle in low or confined areas or travel a long distance to an ignition source and flash back explosively. This material may produce a floating fire hazard.

.NFPA ratings (scale 0 - 4)



Health = 1; Fire = 1; Reactivity = 0

.HMIS-ratings (scale 0 - 4)



Health = 1: Fire = 1: Reactivity = 0

Section 4 - First aid measures

- ·General information: No special measures required.
- After Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
- After Skin Contact: If irritation occurs, flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.
- ·After Inhalation: Not Applicable
- •Medical conditions aggravated by exposure: No medical conditions are known to be aggravated by these products.
- ·Recommendations to physicians: Not Applicable

Section 5 - Fire-fighting measures

- •Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- ·Protective equipment: No special measures required.
- ·Hazardous Combustion Products: Carbon dioxide, carbon monoxide.
- ·Unusual Fire or Explosion Hazards: Not Applicable.

·Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Section 6 - Accidental release measures

Steps to be taken if material is released or spilled: Clean up oil pastel or oil pastel mixed with solvents using rags or paper towels. Place in airtight container for disposal

Section 7 - Handling and storage

- ·Handling:
- Information for safe handling: Provide adequate ventilation in storage area. Keep away from sources of ignition. Do not smoke. Keep away from heat, sparks, and flame. Keep container closed when not in use. Avoid contact with eyes and skin. Wash thoroughly after handling.
- Information about protection against explosions and fires: No special measures required.
- ·Storage:
- Requirements to be met by storerooms and receptacles: Keep away from direct sources of heat or ignition. Avoid extreme temperatures (Heat: Light; Moisture). Store away from food and beverages. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labeling information is visible.
- ·Information about storage in one common storage facility: Not required.
- ·Further information about storage conditions: None.

Section 8 - Exposure controls/personal protection

- Additional information about design of technical facilities: No further date; see item 7.
- .Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

- .Additional information: The lists valid during the making were used as basis.
- .Personal protective equipment:
- .Protective Gloves:



Protective Gloves

Rubber or plastic acid-resistant gloves with elbow-length gauntlet.

.Eye Protection:



Tightly sealed goggles

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and ate the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

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.Muterial of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer, As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

.Penetration time of glove material

The exact break trough time has to be found out by manufacturer of the protective of gloves and has to be observed.

Section 9 - Physical and chemical properties

.General Information	
Form:	Solid
Color:	Color
Odor:	Mild
.Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
.Flash point:	Not applicable
.Self-igniting:	Product is not self-igniting
.Danger of explosion:	Not available
.Density:	Not available
.Relative density:	Not available
.Vapor density:	Not available
.Evaporation rate	Not available
.Solubility in/Miscibility with	
Water:	Mix
.PH-Value:	Not available
.Viscosity:	
Dynamic:	Not available

Section 10 - Stability and reactivity

- .Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- .Dangerous reactions: No dangerous reactions known.
- .Dangerous products of decomposition: No dangerous decomposition products known.
- .Materials with which substance is incompatible: None known.
- .Hazardous Polymerizations: Will not occur.
- .Conditions to Avoid: Avoid exposure or contact to extreme temperatures, incompatible chemicals.

Section 11 - Toxicological information

.General:

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, the listed pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product.

Acute (short-term) Toxicity:

.Skin contact: May cause minor irritation with itching and possible slight local redness.

Prolonged or repeated contact may cause drying of the skin. No evidence of harmful effects from available

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information.

- .Eye contact: Accidental Direct Eye Contact may cause abrasion and irritation. Corneal injury may occur.
- .Inhalation: Not expected to be an inhalation hazard. However, high concentrations of vapor may cause irritation of the respiratory tract with coughing and chest discomfort. May also cause headache and drowsiness. Excessive levels of fumes may result in discomfort after repeated or prolonged exposures.
- .Ingestion: Maybe harmful if swallowed. Contact Physician Immediately.
- .Chronic (long-term toxicity):No known published data available and no adverse effects expected.
- .Mutagenicity: Materials in sufficient quantity to be injurious to humans or to cause acute or chronic health problems Conforms to ASTM-D4236
- Additional toxicological information:
- The product is not subject to classification according to internally approved calculation methods for

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12 - Ecological information

This product has not been evaluated for its ecotoxicity. However, the biodegradation of Organic & Inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since Organic & Inorganic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Section 13 - Disposal considerations

Dispose of in accordance with all applicable regulation.

.Waste Disposal Methods:

Must not be dispose together with household garbage.

DO NOT dump into any sewers, on the ground, or into any body of water. Disposal of wastes and used containers must be in accordance with applicable federal, state and local regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

- .U.S. EPA waste number: Not applicable.
- .Unlearned packaging:
- Recommendation: Disposal must be made according to official regulations.
- •Recommended cleansing agent: Water, if necessary with cleansing agents.

Section 14 - Transport information

Not Classified as "Hazardous for Transport"

- .DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States).
- .Hazard class number and description: Not applicable
- .Packing Group: Not applicable
- .UN Identification: Not applicable
- .U.S. DOT: Not applicable
- .North American Emergency response guidebook number, 2000: Not applicable
- Marine Pollutant: No component of these products is designated as a Marine Pollutant, per Appendix B to 49 CFR 172, 101
- .Transport Canada transportation of dangerous goods regulations: These products are not considered as dangerous goods, per regulations of transport Canada.

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Air transport ICAO-TI and IATA-DGR: Not applicable

.ICAO/IATA Class: Not applicable

Section 15 - Regulatory information

.Sara

.Section 355 (extremely hazardous substances):

None of the ingredients is listed.

.Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

.TSCA (Toxic Substances Control Act):

All ingredients are listed.

.Proposition 65

.Chemicals known to cause cancer:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

.Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

.Cancerogenity categories

.EPA (Environmental Protection Agency)

None of the ingredients is listed.

.IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

.NTP (National Toxicology Program)

None of the ingredients is listed.

.TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

.NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

.OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Additionally:

Product related hazard information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Section 16 - Other information

The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910. 1200(g)

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handing, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may be applicable.

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Test Report

LAB LOCATION: **SHANG HAI** ISSUE DATE: Aug 11, 2009 Page 1 of 1 PAGE: **REPORT NUMBER:** CA-09-04490

Applicant Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Contact Person Michael Dovellos Sample Description

21 colors pastels 1) Lemon Yellow

2) Orange

3) Crimson Red lake

4) Pink 5) Violet

6) Dark Blue 7) Sky Blue 8) Grass Green 9) Leaf Green

10) Burnt Sienna 11) Black

Buyer Vendor

Manufacturer Country of Origin
Country of Destination China USA

Date of Submission

Jul 31, 2009 Jul 31, 2009 – Aug 11, 2009 **Test Performance Dates**

12) White

13) Yellow Ochre

14) Rose

15) Purple Red 16) Middle Blue

17) Emerald Green

18) Plumbic Gray (20%Graytone) 19) Plumbic Gray (40%Graytone) 20) Plumbic Gray (60%Graytone)

21) Plumbic Gray (80%Graytone)

Photo of Submitted Sample CA-09-0449D

EXECUTIVE SUMMARY

The contents and format of this Material Safety Data Sheet (MSDS) are in accordance with 29 CFR 1910.1200(g)

For and on behalf of Modern Testing Services Co., Ltd.

chard

Dr. Yue, Tao Richard

Laboratory Director therein. The results shown is this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Modern Testing Services Co., Ltd. No. 105 Guangzhong Rd., Zhuanqiao Town, Minhang, Shanghai, China P.R.C 201108 Tel: (88) 21-64892468 Fax: (86) 21-64423289 Email: info@mts-global.com Webaite : www.mts-global.com



Material Safety Data Sheet

Read and Understand Material Safety Data Sheet Before Handling or Disposing of Product

Section 1 - Identification of the product and of the company/undertaking

Product details

Commercial name: Lemon yellow, Orange, Crimson red lake, Pink, Violet, Dark blue, Sky blue, Grass green, Leaf green, Burnt sienna, Black, White, Yellow ochre, Rose, Purple red, Middle blue, Emerald green, Plumbic Gray (20%Graytone), Plumbic Gray (40%Graytone), Plumbic Gray (80%Graytone)

Application of the substance: 21 Colors Pastel

Manufacturer/Supplier: Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Tel: 219-880-4170 Fax: 219-880-4181

Information in case of emergency:

Contact: Michael Dovellos

Tel: 219-880-4170

Section 2 - Composition/information on ingredients

.Chemical characterization

.Description: This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

.Mixture of substances listed below with additions.

.Components Number:	CAS No.	EINECS No.
C.I. 11710	6486-23-3	229-355-1
C.I.11680	2512-29-0	219-730-8
C.I. 12085	2814-77-9	220-562-2
C.I.12310	6410-26-0	229-096-4
C.1.12335	6410-30-6	229-100-4
C.I. 45170:2	1326-03-0	215-413-3
C.I. 42535:2	1325-82-2	309-916-8
C.1.42595	1325-87-7	215-410-7
C.I. 74160	147-14-8	205-685-1
C.I. 74260	1238-53-6	215-524-7
C.I. 77491	1307-37-1	215-168-2
C.I. 77266	1333-86-4	215-609-9
C.I. 77492	51274-00-1	E 172
C.I. 12395	6735-47-3	229-441-9
C.I. 77891	13463-67-7	236-675-5
C.I. 74180	67340-41-4	266-653-0
C.I. 77499	12227-89-3	235-442-5

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.Remark: "Ingredient Sheet" for the complete specific list of ingredients for color/shade. All colors contain the following ingredients.

Section 3 - Hazards identification

Emergency Overview:

Vapors form from this product and may travel or can be moved by air currents and ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point. Vapors from this material may settle in low or confined areas or travel a long distance to an ignition source and flash back explosively. This material may produce a floating fire hazard.

.NFPA ratings (scale 0 - 4)



Health = 1; Fire = 1; Reactivity = 0

.HMIS-ratings (scale 0 - 4)



Health = 1; Fire = 1; Reactivity = 0

Section 4 - First aid measures

- ·General information: No special measures required.
- After Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
- •After Skin Contact: If irritation occurs, flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.
- After Inhalation: Not Applicable
- *Medical conditions aggravated by exposure: No medical conditions are known to be aggravated by these products.
- •Recommendations to physicians: Not Applicable

Section 5 - Fire-fighting measures

- •Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- ·Protective equipment: No special measures required.
- ·Hazardous Combustion Products: Carbon dioxide, carbon monoxide.
- ·Unusual Fire or Explosion Hazards: Not Applicable.
- •Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Section 6 - Accidental release measures

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Steps to be taken if material is released or spilled: Clean up color pastel or color pastel mixed with solvents using rags or paper towels. Place in airtight container for disposal

Section 7 - Handling and storage

- ·Handling:
- Information for safe handling: Provide adequate ventilation in storage area. Keep away from sources of ignition. Do not smoke. Keep away from heat, sparks, and flame. Keep container closed when not in use. Avoid contact with eyes and skin. Wash thoroughly after handling.
- Information about protection against explosions and fires: No special measures required.
- ·Storage:
- Requirements to be met by storerooms and receptacles: Keep away from direct sources of heat or ignition. Avoid extreme temperatures (Heat; Light; Moisture). Store away from food and beverages. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labeling information is visible.
- Information about storage in one common storage facility: Not required.
- ·Further information about storage conditions: None.

Section 8 - Exposure controls/personal protection

- .Additional information about design of technical facilities: No further date; see item 7.
- .Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

- .Additional information: The lists valid during the making were used as basis.
- .Personal protective equipment:
- .Protective Gloves:



Protective Gloves

Rubber or plastic acid-resistant gloves with elbow-length gauntlet.

.Eye Protection:



Tightly sealed goggles

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and ate the end of work.

- Avoid contact with the skin.
- Avoid contact with the eyes and skin.
- .Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

.Penetration time of glove material

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The exact break trough time has to be found out by manufacturer of the protective of gloves and has to be observed.

Section 9 - Physical and chemical properties

.General Information	
Form:	Solid
Color:	Color
Odor:	Mild
.Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
.Flash point:	Not applicable
.Self-igniting:	Product is not self-igniting
.Dunger of explosion:	Not available
.Density:	Not available
.Relative density:	Not available
.Vapor density:	Not available
.Evaporation rate	Not available
.Solubility in/Miscibility with	
Water:	Mix
.PH-Value:	Not available
.Viscosity:	
Dynamic:	Not available

Section 10 - Stability and reactivity

- .Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- .Dangerous reactions: No dangerous reactions known.
- .Dangerous products of decomposition: No dangerous decomposition products known.
- .Materials with which substance is incompatible: None known.
- .Hazardous Polymerizations: Will not occur.
- .Conditions to Avoid: Avoid exposure or contact to extreme temperatures, incompatible chemicals.

Section 11 - Toxicological information

.General:

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, the listed pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product.

Acute (short-term) Toxicity:

- .Skin contact: May cause minor irritation with itching and possible slight local redness.

 Prolonged or repeated contact may cause drying of the skin. No evidence of harmful effects from available information.
- **.Eye contact:** Accidental Direct Eye Contact may cause abrasion and irritation. Corneal injury may occur. **.Inhalation:** Not expected to be an inhalation hazard. However, high concentrations of vapor may cause irritation of the respiratory tract with coughing and chest discomfort. May also cause headache and drowsiness. Excessive levels of fumes may result in discomfort after repeated or prolonged exposures.
- .Ingestion: Maybe harmful if swallowed. Contact Physician Immediately.

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- .Chronic (long-term toxicity): No known published data available and no adverse effects expected.
- Mutagenicity: Materials in sufficient quantity to be injurious to humans or to cause acute or chronic health problems Conforms to ASTM-D4236
- .Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for .Preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12 - Ecological information

This product has not been evaluated for its ecotoxicity. However, the biodegradation of Organic & Inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since Organic & Inorganic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Section 13 - Disposal considerations

Dispose of in accordance with all applicable regulation.

.Waste Disposal Methods:

Must not be dispose together with household garbage.

DO NOT dump into any sewers, on the ground, or into any body of water. Disposal of wastes and used containers must be in accordance with applicable federal, state and local regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

- .U.S. EPA waste number: Not applicable.
- .Unlearned packaging:
- Recommendation: Disposal must be made according to official regulations.
- •Recommended cleansing agent: Water, if necessary with cleansing agents.

Section 14 - Transport information

Not Classified as "Hazardous for Transport"

- .DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States).
- .Hazard class number and description: Not applicable
- .Packing Group: Not applicable
- .UN Identification: Not applicable
- .U.S. DOT: Not applicable
- North American Emergency response guidebook number, 2000: Not applicable
- Marine Pollutant: No component of these products is designated as a Marine Pollutant, per Appendix B to 49 CFR 172, 101
- .Transport Canada transportation of dangerous goods regulations: These products are not considered as dangerous goods, per regulations of transport Canada.
- Air transport ICAO-TI and IATA-DGR: Not applicable
- .ICAO/IATA Class: Not applicable

Section 15 - Regulatory information

Item Numbers: 02811-1001 Page 26 of 34

.Sara

.Section 355 (extremely hazardous substances):

None of the ingredients is listed.

.Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

.TSCA (Toxic Substances Control Act):

All ingredients are listed.

.Proposition 65

.Chemicals known to cause cancer:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed,

.Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

.Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

.Cancerogenity categories

.EPA (Environmental Protection Agency)

None of the ingredients is listed.

.IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

.NTP (National Toxicology Program)

None of the ingredients is listed.

.TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

.NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

.OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Additionally:

Product related hazard information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Section 16 - Other information

The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910. 1200(g)

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handing, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may be applicable.

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Test Report

Aug 18, 2009

Page 1 of 1

LAB LOCATION: **SHANG HAI ISSUE DATE:** REPORT NUMBER: CA-09-04613 PAGE:

Applicant

Royal Brush Manufacturing, Inc. 6707 Broadway, Merrillville, IN 46410 USA

Michael Dovellos **Contact Person** Sample Description 18 pc watercolor paint

1) Black 2) Burnt Sienna

3) Burnt Umber 4) Cerulean Blue 5) Crimson Red Lake

6) Deep Green 7) Gamboge 8) Green Pale

9) Lemon Yellow

China

USA

Buyer Vendor

Manufacturer **Country of Origin** Country of Destination
Date of Submission

Test Performance Dates

Aug 6, 2009

Aug 6, 2009 - Aug 18, 2009 Photo of Submitted Sample 10) Orange Yellow 11) Prussian Blue

12) Rose

13) Sap Green 14) Ultramarine Blue

15) Vermilion 16) Violet 17) White

18) Yellow Ochre

CA-09-04613

EXECUTIVE SUMMARY

The contents and format of this Material Safety Data Sheet (MSDS) are in accordance with 29 CFR 1910.1200(g)

For and on behalf of Modern Testing Services Co., Ltd.

Dr. Yue, Tao Richard Laboratory Director

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Modern Testing Services Co., Ltd.

No. 105 Guangzheng Rd., Zhuanqiao Town, Minhang, Shanghai, China P.R.C.201108
Tel: (86) 21-54892468 Fax: (86) 21-54423289 Email: info@mts-global.com Website: www.

USA • Germany • UK • China • Hong Keng • Tarzan • Singapore • India • Tharland • Korea • Indonesia • Australia • Turkey • Cambed 99 28 of 34

Material Safety Data Sheet Read and Understand Material Safety Data Sheet Before Handling or Disposing of Product

Section 1 - Identification of the product and of the company/undertaking

Product details

Commercial name: Black, Burnt Sienna, Burnt Umber, Cerulean Blue, Crimson Red Lake, Deep Green, Gamboge, Green Pale, Lemon Yellow, Orange Yellow, Prussian Blue, Rose, Sap Green, Ultramarine Blue, Vermilion, Violet, white, Yellow Ochre

Application of the substance: 18 pc watercolor paint

Manufacturer/Supplier: Royal Brush Manufacturing, Inc.

6707 Broadway, Merrillville, IN 46410 USA

Tel: 219-680-4170 Fax: 219-680-4181

Information in case of emergency:

Contact: Michael Dovellos

Tel: 219-880-4170

Section 2 - Composition/information on ingredients

.Chemical characterization

.Description: This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

.Mixture of substances listed below with additions.

Components/Chemicals	CAS No.	Range (%)by Wi.
name: Nature Peach tree gum	9000-01-5	45-52
Aluminium hydroxide	21645-51-2	8-12
Barium sulfate	7727-43-7	6-9
Preservative	10605-21-7	0.5
Carbon black	215-609-9	0-18
Iron oxide	1332-37-2	0-13
Iron oxide yellow	51274-00-1	0-8
Titanium white	13463-67-7	0-30
Pigment Permanent Red F4R	6410-30-6	0-15
Hansa yellow 10G	6486-23-3	0-10
Permanent orange G	3520-72-7	0-30
Phthalo blue	147-14-8	0-10
Hansa yellow G	2512-29-0	0-18
Vernuillon R	2814-77-9	0.5-16
Light red lake	12224-98-5	0-20
Fast reddish blue lake	1325-87-7	0-18

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Light fast rose lake	1326-03-0	0-16
White carbon black	14464-46-1	10-15

.Remark: "Ingredient Sheet" for the complete specific list of ingredients for color/shade. All colors contain the above ingredients.

Section 3 - Hazards identification

- .Information pertaining to particular dangers for man and environment:
- The product does not have to be labeled due to the calculation procedure of international guidelines.
- .Classification system:
- The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- .Safety: Not classified as flammable, explosive or oxidizing. Unclassified.
- Eyes: May cause eye irritation.
- .Skin: May cause skin irritation.
- Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.
- Inhalation: It is unlikely that inhalation will be a route of exposure.
- .Chronic Effects: Not available
- .NFPA ratings (scale 0 4)



Health = 1; Fire = 1; Reactivity = 0

.HMIS-ratings (scale 0 - 4)



Health = 1; Fire = 1; Reactivity = 0

Section 4 - First aid measures

- ·General information: No special measures required.
- After Eye Contact: Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
- After Skin Contact: If irritation occurs, flush skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.
- ·After Inhalation: Not Applicable
- •Medical conditions aggravated by exposure: No medical conditions are known to be aggravated by these products.
- ·Recommendations to physicians: Not Applicable

Section 5 - Fire-fighting measures

- Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Protective equipment: No special measures required.

- ·Hazardous Combustion Products: Carbon dioxide, carbon monoxide.
- ·Unusual Fire or Explosion Hazards: Not Applicable.
- ·Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Section 6 - Accidental release measures

·Personal Precautions:

Restrict access to the area of the spill. Provide ventilation, NIOSH / MSHA approved respirator and protective clothing. Scrape up caulk and place in container for disposal. Cleaning may require steam or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state, provincial, federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup.

Section 7 - Handling and storage

·Handling:

- Information for safe handling: Provide adequate ventilation in storage area. Keep away from sources of ignition. Do not smoke. Keep away from heat, sparks, and flame. Keep container closed when not in use. Avoid contact with eyes and skin. Wash thoroughly after handling.
- Information about protection against explosions and fires: No special measures required.
- ·Storage:
- Requirements to be met by storerooms and receptacles: Keep away from direct sources of heat or ignition. Avoid extreme temperatures (Heat; Light; Moisture). Store away from food and beverages. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labeling information is visible.
- Information about storage in one common storage facility: Not required.
- ·Further information about storage conditions: None.

Section 8 - Exposure controls/personal protection

.Additional information about design of technical facilities: No further date; see item 7.

.Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

- Additional information: The lists valid during the making were used as basis.
- .General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and ate the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Section 9 - Physical and chemical properties

.General Information		
Form:	Paste	
Color:	Color	
Odor:	Mild	

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.Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
.Flash point:	Not applicable
.Self-igniting:	Product is not self-igniting
.Danger of explosion:	Not available
.Density:	Not available
.Relative density:	Not available
.Vapor density:	Not available
Evaporation rate	Not available
.Solubility in/Miscibility with	
Water:	Mix
.PH-Value:	Not available
.Viscosity:	
Dynamic:	Not available

Section 10 - Stability and reactivity

- .Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- .Daugerous reactions: No dangerous reactions known.
- .Dangerous products of decomposition: No dangerous decomposition products known.
- .Materials with which substance is incompatible: None known.
- .Hazardous Polymerizations: Will not occur.
- .Conditions to Avoid: Avoid exposure or contact to extreme temperatures, incompatible chemicals.

Section 11 - Toxicological information

.General:

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, the listed pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product.

Acute (short-term) Toxicity:

.Skin contact: May cause minor irritation with itching and possible slight local redness.

Prolonged or repeated contact may cause drying of the skin. No evidence of harmful effects from available information.

- .Eye contact: Accidental Direct Eye Contact may cause abrasion and irritation. Corneal injury may occur.
- Inhalation: Not expected to be an inhalation hazard. However, high concentrations of vapor may cause irritation of the respiratory tract with coughing and chest discomfort. May also cause headache and drowsiness. Excessive levels of fumes may result in discomfort after repeated or prolonged exposures.
- .Ingestion: Maybe harmful if swallowed. Contact Physician Immediately.
- .Chronic (long-term toxicity): No known published data available and no adverse effects expected.
- .Mutagenicity: Materials in sufficient quantity to be injurious to humans or to cause acute or chronic health problems Conforms to ASTM-D4236
- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for .Preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12 - Ecological information

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This product has not been evaluated for its ecotoxicity. However, the biodegradation of Organic & Inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since Organic & Inorganic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Section 13 - Disposal considerations

.Dispose of in accordance with all applicable Federal, state and local regulations.

Section 14 - Transport information

.Not Classified as "Hazardous for Transport"

.DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States).

.Hazard class number and description: Not applicable

.Packing Group: Not applicable

.UN Identification: Not applicable

.U.S. DOT: Not applicable

North American Emergency response guidebook number, 2000: Not applicable

.Marine Pollutant: No component of these products is designated as a Marine Pollutant, per Appendix B to 49 CFR 172. 101

.Transport Canada transportation of dangerous goods regulations: These products are not considered as dangerous goods, per regulations of transport Canada.

.Air transport ICAO-TI and IATA-DGR: Not applicable

.ICAO/IATA Class: Not applicable

Section 15 - Regulatory information

.Sara

.Section 355 (extremely hazardous substances):

None of the ingredients is listed.

.Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

.TSCA (Toxic Substances Control Act):

All ingredients are listed.

.Proposition 65

.Chemicals known to cause cancer:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

.Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

.Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

.Cancerogenity categories

.EPA (Environmental Protection Agency)

None of the ingredients is listed.

.IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

.NTP (National Toxicology Program)

None of the ingredients is listed.

.TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

.NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

.OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Additionally:

Product related hazard information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Section 16 - Other information

The contents and format of this MSDS are in accordance with 29 CFR 1910. 1200(g)

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handing, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may be applicable.

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