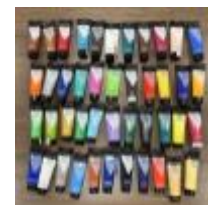


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Date:	Aug 14, 2025
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Lab Location:	SHANG HAI

Royal Brush Test Report

Applicant:	Royal Brush Manufacturing, Inc
Attention:	Michael C. Dovellos, Misty York
Address:	515 West 45th Street Munster, IN 46321



EFW525073611-CG-01

SAMPLE INFORMATION

Sample Description:	44 Essentials Acylic Paints		
Style / Item No.:	NA	Quantity:	NA
Buyer:	NA	Color:	NA
Vendor:	ROY0028	SKN/SKU NO.:	NA
Manufacturer:	NA	Age Grading:	NA
Country of Destination:	US	Country of Origin:	China

TEST INFORMATION

Sample Submitted by:	Applicant		
Sample Status:	NA	Previous Report No.:	NA
Date of Submission:	Jul 18, 2025		
Test Performance Dates:	Jul 18, 2025 – Aug 14, 2025		

EXECUTIVE SUMMARY

Test data for the following test(s) performed on the submitted sample(s) are shown on Page 2 per client's request:

- US Safety Data Sheet

For and on behalf of
Eurofins MTS Consumer Product
Testing (Shanghai) Co. Ltd.



Gao Jian, David
Senior Manager, Toy Division

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Royal Brush Test Report

TEST SUMMARY:

US Safety Data Sheet

Please refer to the report dated Aug 06, 2025 which are issued by certified toxicologist, Jongsei Park (Ph.D.).

****End of Test Report****

NOTE:

If there is question or concern regarding the above results, please contact us via email
lbee.yang@cpt.eurofinscn.com

This test report is governed by the Terms and Conditions, available on request or accessible at <https://www.eurofins.cn/consumer-product-testing/general-terms/>. Attention is especially drawn to the limitations of liability, indemnification and jurisdictional provisions defined therein. This report is issued strictly based on the testing of the samples submitted by you. The test results in this report refer only to the sample(s) actually tested and do not refer or be deemed to refer to any bulk production from which such sample(s) may be said to have been obtained. In the event that Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd. ("ERF") was requested to survey and test any bulk production quantity of samples, ERF, in the absence of any contrary written instructions, performed random sampling of bulk production for testing purposes. Variations in the conditions under which samples are stored, transported, etc., may lead to variations in the test results. ERF cannot anticipate and shall not be held responsible for variations in test results that may be due to factors beyond ERF's control, such as, sample cross-contamination, evaporation of volatile substances due to storage temperature, humidity, etc. This report does not constitute a recommendation, actual or implied, for any specific course of action. Other than the expressed warranties made in the Terms and Conditions of the ERF Test Request Form, ERF makes no warranties or representations either express or implied with respect to this report. In no circumstances whatsoever shall ERF be liable for any consequential, special or incidental damages arising out of, or in connection with, this report. This document shall not be reproduced except in full unless prior written authorization from ERF has been attained. Unless otherwise stated from the customer, regulation or the standard specification, Eurofins will apply it in accordance with ILAC G8:09/2019 (binary statement for simple acceptance rule) and shared risk decision rule. If you happen to have any complaints, please do it by sending email to info.shmts@cpt.eurofinscn.com and referring to this report number.

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**1.1 Product Identifiers:**

Product Name:

44 Essentials Acrylic Paints

(Colors: Titanium White, Primary Yellow, Medium Magenta, Cadmium Orange Hue, Yellow Ochre, Dark Green, Phthalocyanine Emerald Green, Primary Cyan, Dark Cobalt Violet, Scarlet Lake, Venetian Red, Bright Aqua Green, Cerulean Blue, Mars Black, Gold, Silver, Bright Purple, Lemon Yellow, Burnt Sienna, Cobalt Blue, Raw Sienna, Cadmium Yellow, Cadmium Red, Naphthalene Carmine, Phthalocyanine Blue, Dark Ultramarine, Cadmium Green, Naples Yellow, Burnt Umber, Primary Magenta II, Paynes Grey, Raw Umber, Violet, Viridian, Light Blue, Bright Yellow Green, Composed Pink, Brown, Ocean Green, Permanent Red, Light Olive Green, Neutral Grey, Chrome Oxide Green, Blockout White)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses:

/

1.3 Details of the supplier of the safety data sheet

Company:

Eurofins MTS Consumer Product Testing US, LLC
349 Lenox Street
Norwood, MA 02062, USA

Telephone:

1-508-638-1793

Fax:

1-508-638-1759

1.4 Details of the applicant of the safety data sheet

Company:

Royal Brush Mfg., Inc.
515 W 45th St
Munster, IN 46321
Contact: Michael C. Dovellos
Telephone: (219) 660-4170
E-mail: michael@royalbrush.com

Emergency Phone #:

1-800-222-1222 (Poison Control)

SECTION 2 – HAZARDS IDENTIFICATION

OSHA/HCS Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity: Not Classified
Skin irritation: Not Classified
Eye irritation: Not Classified
Respiratory sensitization: Not Classified
Skin sensitization: Not Classified
Specific target organ toxicity: Not Classified

2.2 GHS Label elements, including precautionary statements

Pictogram: Not Needed
Signal Word: Not Needed
Hazard Statement(s): Not Needed
Precautionary Statement(s): Not Needed

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

This product contains Titanium Dioxide (CAS #13463-67-7) and Carbon Black (CAS #1333-86-4) which are listed on California Proposition 65 for cancer. They are not in the form of airborne, unbound particles of respirable size; therefore, they do not need warning statements.

This product contains up to 0.05% by weight Bronopol (CAS #52-51-7) which is commonly used as a preservative for product integrity but has toxic properties. It is a formaldehyde releaser. Formaldehyde releasers are not explicitly listed on California Proposition 65; however, formaldehyde (gas) (CAS #50-00-0) is listed on California Proposition 65 for cancer. This product may be subject to California Proposition 65 labeling requirements if it releases formaldehyde gas, in which it should carry a pictogram and warning.

This product contains up to 3.00% by weight Silicon Dioxide (CAS #7631-86-9) which may be a source of crystalline silica. Crystalline silica poses a health hazard when it is of respirable size. The International Agency for Research on Cancer (IARC) categorizes crystalline silica (quartz or cristobalite) as a human carcinogen. Silica, crystalline (airborne particles of respirable size) is listed on California Proposition 65 for cancer and may require labeling for California Proposition 65 compliance. *It is the manufacturer's responsibility to ensure that the product does not contain more than 0.1% carcinogenic silica to be classified as non-hazardous.*

SECTION 3 – COMPOSITION ON INGREDIENTS

3.1 Ingredients:

Chemical Name	CAS Number	Percent by Weight
Distilled Water	7732-18-5	19.95 – 45.00%
SH401P Emulsion H401 Emulsion	25085-34-1 (49%) / 7732-18-5 (51%)	25.05 – 51.00%
Viscodis 350-T	25212-88-8 (27%) / 7732-18-5 (73%)	1.80 – 4.00%
Sodium Carboxy Methyl Cellulose CMC Blansoe 7MF	9004-32-4	0.45 – 1.50%
Propylene Glycol	57-55-6	0.60 – 6.50%
AMP-95	124-68-5 (88%) / 7732-18-5 (12%)	0.25 – 0.60%
Acticide EF	5625-90-1	0.10%
Acticide L	52-51-7	0.05 – 0.50%
Texanol(TM) Ester Alcohol	25265-77-4	0.70 – 2.40%
Silicon Dioxide	7631-86-9	0.50 – 3.00%

Barium Sulfate Precipitated	7727-43-7	1.00 – 20.30%
R-902+ Titanium Dioxide	13463-67-7	0.80 – 10.10%
Fast Yellow G	2512-29-0	0.05 – 5.40%
Pigment Violet 23	6358-30-1	0.01 – 5.80%
Pigment Red 122	980-26-7	0.79 – 3.20%
Fastona Orange G	3520-72-7	0.10 – 2.70%
Synthetic Iron Oxide Yellow	20344-49-4	0.10 – 2.60%
4610-Brown Iron Oxide	52357-70-7	0.25%
Pigment Blue 15	147-14-8	0.08 – 3.70%
Colanyl Blue A2R 100-CN	12239-87-1 / 147-14-8	1.15%
S190-Red Iron Oxide Iron Oxide Pigment Red	1309-37-1	0.60 – 5.50%
Pigment Green 7 Colanyl Green GG 131-CN	1328-53-6	0.10 – 4.35%
Pigment Yellow 10G	6486-23-3	0.37 – 5.80%
5008 Ultramarine	57455-37-5	1.30 – 8.90%
Pigment Violet 3	1325-82-2	0.40%
Colanyl Red FGR 130-CN Pigment Red 112	6535-46-2	0.05 – 4.95%
Fast Pigment Red R	2814-77-9	2.00%
Colanyl Black N 131-CN MA-100 Carbon black	1333-86-4	0.05 – 8.90%
Gold 101(10-60)	12001-26-2 (65%) / 13463-67-7 (45%) / 1309-37-1 (15%)	13.90%
LM-110 Silver	12001-26-2 (44%) / 1317-70-0 (56%)	10.00%
Pigment Red 146 Fast Red FBB	5280-68-2	0.10 – 6.15%
Fast Red F4R	6410-30-6	1.00%
S330-Black Iron Oxide	1317-61-9	1.30 – 3.60%
CP 401P Emulsion	25767-47-9 (48%) / 7732-18-5 (52%)	35.10 – 39.40%
Fast Red 2R	6410-26-0	0.20%
H401 Emulsion	67338-64-1 (49%) / 7732-18-5 (51%)	33.95 – 36.52%
Calcium Carbonate	471-34-1	11.70 – 16.00%
Hydroxyethyl Cellulose	9004-62-0	0.30%
Kaolinite	1332-58-7	13.00%
2-Butyloctan-1-ol, Ethoxylated	60636-37-5	0.50%
Hydrocarbon Oils	8020-83-5	0.30%

SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

General advice

This product is not expected to produce any unusual hazards during normal use. If you feel unwell, seek medical advice. Consult a physician.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash with water and soap and rinse thoroughly after use. Obtain medical attention if irritation occurs, develops or persists.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do not rub eyes and seek medical advice if irritation develops or persists.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Under normal conditions of intended use, this product is not expected to be a health risk.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5 – FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, dry chemical, carbon dioxide, or chemical foam.

5.2 Special hazards arising from the substance or mixture

No additional information available.

5.3 Advice for firefighters

Precautionary measures

Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

Fire-fighting equipment/instructions

Exercise caution when fighting any chemical fire.

Protection during firefighting

Do not enter fire area without proper protective equipment, including respiratory protection.

5.4 Further information

None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General Measures

Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2 Environmental precautions

Avoid discharge to drains, sewers, and other water systems.

6.3 Methods and materials for containment and cleaning up

Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Open and handle container with care.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from water or moisture.

7.3 Specific end use(s)

No further information available.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Not Known

8.2 Exposure controls

Appropriate engineering controls

None needed.

Personal protective equipment

Eye/face protection

Wear chemical splash goggles when handling this product. Have an eye wash station available.

Skin protection

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where use can result in skin contact, practice good personal hygiene. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Gloves: Natural rubber, Neoprene, PVC or equivalent.

Body protection

Protective clothing is not required under normal conditions.

Respiratory Protection

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

Control of environmental exposure

Not needed.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Keep away from foodstuffs, beverages and food.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Liquid
b) Colour	Various
c) Odour	Not known
d) Odour Threshold	Not known
e) pH	Not known
f) Melting point/freezing	Not known
g) Initial boiling point and boiling range	Not known
h) Flash point	Not known
i) Evaporation rate	Not known
j) Flammability (solid/gas)	Not known
k) Upper/lower flammability or explosive limits	Not known
l) Vapour pressure	Not known
m) Vapour density	Not known
n) Relative density	Not known
o) Water solubility	Not known
p) Partition coefficient: n-octanol/water	Not known
q) Auto-ignition temperature	Not known
r) Decomposition temperature	Not known
s) Viscosity	Not known
t) Explosive properties	Not known
u) Oxidizing properties	Not known

9.2 Other safety information

None.

SECTION 10 – STABILITY AND REACTIVITY

10.1 Precautions for safe handling

Not known.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Excessive heat, water and moisture.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Not known.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Not known.

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/eye irritation

May cause eye irritation.

Respiratory or skin sensitisation

Not known.

Germ cell mutagenicity

Not known.

Carcinogenicity

IARC: Not known.

ACGIH: Not known.

NTP: Not known.

OSHA: Not known.

Reproductive toxicity

Not known.

Specific target organ toxicity-single exposure

Not known.

Specific target organ toxicity-repeated exposure

Not known.

Aspiration hazard

Not known.

Additional information

None.

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity

Avoid release to the environment.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

Not known.

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dispose of in a manner consistent with Federal, State and Local Regulations.

Contaminated packaging

Destroy at an authorized site. Follow general procedures consistent with Federal, State and Local Regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT (US)

UN number: Not Applicable Class: Not Applicable Packing group: Not Applicable
Proper shipping name: Not Applicable

IMDG

UN number: Not Applicable Class: Not Applicable Packing group: Not Applicable
Proper shipping name: Not Applicable

IATA

UN number: Not Applicable Class: Not Applicable Packing group: Not Applicable
Proper shipping name: Not Applicable

SECTION 15 – USA REGULATORY INFORMATION

SARA 302 Components

None are listed.

SARA 313 Components

None are listed.

SARA 311/312 Hazards

None are listed.

Massachusetts Right To Know Components

None.

Pennsylvania Right To Know Components

None.

New Jersey Right To Know Components

None.

California Prop. 65 Components

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SECTION 16 – OTHER INFORMATION**Full text of R and H-Statements referred to under sections 2 and 3**

None.

HMIS Rating

Health hazard:	0
Flammability:	0
Physical hazard:	0

NFPA Rating

Health hazard:	0
Fire hazard:	0
Reactivity hazard:	0

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Eurofins MTS-US Inc. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Prepared August 6, 2025