



TEST REPORT

LAB LOCATION: Norwood, MA, USA **REPORT NUMBER:** 67318-080236 E
DATE IN: August 28, 2018 **DATE OUT:** September 28, 2018

Applicant:	Ranger Industries, Inc.		
Contact:	Laura Lindson		
Address:	15 Park Road Tinton Falls, NJ, 07724		
TEL:	(732) 389-3535	FAX:	/
E-mail:	llindson@rangerink.com		

Sample Information	
Product Description:	Distress Oxide Ink Sprays
Item/ Style Number:	Cracked Pistachio – TSO64725, Faded Jeans – TSO64732, Fired Brick – TSO64749, Fossilized Amber – TSO64756, Iced Spruce – TSO64763, Mermaid Lagoon – TSO64770, Peeled Paint – TSO64787, Picked Raspberry – TSO64794, Spiced Marmalade – TSO64800, Vintage Photo – TSO64817, Walnut Stain – TSO64824, Wilted Violet – TSO64831
Color:	BI-8887 Cracked Pistachio, BI-8888 Faded Jeans, BI-8889 Fired Brick, BI-8890 Fossilized Amber, BI-8891 Iced Spruce, BI-8892 Mermaid Lagoon, BI-8893 Peeled Paint, BI-8894 Picked Raspberry, BI-8895 Spiced Marmalade, BI-8896 Vintage Photo, BI-8897 Walnut Stain, BI-8898 Wilted Violet
No. of Samples Submitted:	3
Country of Origin:	USA
Country of Destination:	/
Testing Status	
Retest	<input type="checkbox"/> Previous Report No.:

TEST RESULTS SUMMARY	
Test Requested	Results
US SAFETY DATA SHEET In accordance with Occupational Safety and Health Act (1970) Hazard Communication Standard 2012 (29 CFR 1910-1200) (HazCom 2012) (Based on UN GHS/CLP)	(See Appendix 1)

For and on behalf of
Modern Testing Services, LLC

Jongsei Park, Ph.D.

Fellow, Academy of Toxicological Sciences
 UK Register of Toxicologists
 European Registered Toxicologist (ERT)
 Diplomate, American Board of Forensic Toxicology



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PHOTOGRAPH OF SUBMITTED SAMPLE



RESULT

Toxicological Risk Assessment

Please refer to Appendix 1 for the report dated September 28, 2018 which is issued by certified toxicologist, Jongsei Park (Ph.D.).

Note:

If there are questions or concerns regarding the test results, please contact:

Jongsei Park (Ph.D.; CEO; Chemist/Toxicologist)

Tel. 508-638-1793
Mobile 508-208-5994
Fax 508-638-1759
Email jongsei.park@moderntestingservices.com

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Modern Testing Services, LLC

349 Lenox Street, Norwood MA 02062, USA
Tel: 508 638 1793 Fax: 508 638 1759 Website: www.mts-global.com



APPENDIX 1



67318-080236 E

US SAFETY DATA SHEET

In accordance with Occupational Safety and Health Act (1970)
Hazard Communication Standard 2012 (29 CFR 1910-1200) (HazCom 2012)
(Based on UN GHS/CLP)

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers:

Product Name: **Distress Oxide Ink Sprays
(Colors: BI-8887 Cracked Pistachio, BI-8888 Faded Jeans, BI-8889
Fired Brick, BI-8890 Fossilized Amber, BI-8891 Iced Spruce, BI-8892
Mermaid Lagoon, BI-8893 Peeled Paint, BI-8894 Picked Raspberry,
BI-8895 Spiced Marmalade, BI-8896 Vintage Photo, BI-8897 Walnut
Stain, BI-8898 Wilted Violet)**

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

Identified Uses: Water-Based Hybrid Dye and Pigment Ink Spray for
Papercrafting / Mixed Media

1.3 Details of the supplier of the safety data sheet

Company: Modern Testing Services, 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: Ranger Industries, Inc.
15 Park Road
Tinton Falls, NJ, 07724
Contact: (Contact Name)
Telephone: (732) 389-3535

Emergency Phone #: 1-800-222-1222 (Poison Control)

SECTION 2 – HAZARDS IDENTIFICATION

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

None.

SECTION 3 – COMPOSITION ON INGREDIENTS

3.1 Substances

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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

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 Regulated Class: Not Regulated Packing group: Not Regulated
Proper shipping name: Not Regulated

IMDG

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

IATA

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

SECTION 15 – 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

These products contain Titanium Dioxide (CAS #13463-67-7) which is listed on CA Prop 65 list to cause cancer when it is airborne, unbound particles of respirable size (it does not cover Titanium Dioxide when it remains bound within a product matrix).

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

SKUs

Cracked Pistachio – TSO64725
Faded Jeans – TSO64732
Fired Brick – TSO64749
Fossilized Amber – TSO64756
Iced Spruce – TSO64763
Mermaid Lagoon – TSO64770
Peeled Paint – TSO64787
Picked Raspberry – TSO64794
Spiced Marmalade – TSO64800
Vintage Photo – TSO64817
Walnut Stain – TSO64824
Wilted Violet – TSO64831

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. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Prepared September 28, 2018