

# **TEST REPORT**

PAGE 1 of 3

LAB LOCATION:

Norwood, MA, USA

**REPORT NUMBER:** 

67318-030048 E

DATE IN:

March 8, 2018

DATE OUT:

March 30, 2018

Applicant:	Ranger Industries, Inc.			
Contact:	Laura Lindson			
Address:	15 Park Road Tinton Falls, NJ, 0772	24		
TEL:	(732) 389-3535	FAX:	1	
E-mail:	llindson@rangerink.com			

Sample Information				
<b>Product Description</b>	:	Tim Holtz Alcohol Inks and Blending Solution		
Item/ Style Number:				
BI-7498 – Mushroom, BI-7499 – 7502 – Meadow BI-7503 - Red I Caramel, BI-7496 – Currant, BI-Raisin, BI-7362 – Pesto, BI-736, 7870 – Citrus, BI-7855 - Cloudy Hazelnut, BI-7857 – Juniper, BI-Mountain Rose, BI-7862 - Peacl 7868 – Pool, BI-7866 - Purple TBI-7860 – Salmon, BI-7853 – Sall-7860 – Salmon, BI-7853 – Sall-7873 - Sunshine Yellow, BI-7873 – Stream, BI-7357 – Terra Cotta, BI-7358 – BI-8371 – Teakwood, BI-8372 – Honeycomb, BI-8375 – Indigo, Sall-7357 – Terra Cotta, BI-7358 – Honeycomb, BI-8810 – Dandelio Crimson, BI-8814 – Aquamarine BI-7559 – Silver, BI-7520 – Peacl-Rose Gold		BI-7498 – Mushroom, BI-7499 – Latte, BI-7500 – Slate, BI-7501 – Stonewashed, BI-7502 – Meadow BI-7503 - Red Pepper, BI-7492 – Rust, BI-7494 – Oregano, BI-7495 – Caramel, BI-7496 – Currant, BI-7497 – Ginger, BI-7493 - Pitch Black, BI-7360 – Raisin, BI-7362 – Pesto, BI-7363 – Bottle, BI-7364 – Espresso, BI-7856 – Aqua, BI-7870 – Citrus, BI-7855 - Cloudy Blue, BI-7869 – Clover, B-7854 - Cool Peri, BI-7865 – Hazelnut, BI-7857 – Juniper, BI-7852 - Lake Mist, BI-7861 – Lemonade, BI-7872 - Mountain Rose, BI-7862 - Peach Bellini, BI-7864 – Pebble, BI-7863 - Pink Sherbet, BI-7868 – Pool, BI-7866 - Purple Twilight, BI-7875 – Raspberry, BI-7867 - Sailboat Blue, BI-7860 – Salmon, BI-7853 – Sandal, BI-7859 - Shell Pink, BI-7874 - Sunset Orange, BI-7873 - Sunshine Yellow, BI-7871 – Watermelon, BI-7858 – Willow, SI-3236 - Wild Plum, BI-7353 – Stream, BI-7354 – Cranberry, BI-7355 – Eggplant, BI-7356 – Denim, BI-7357 - Terra Cotta, BI-7358 – Butterscotch, BI-7359 – Lettuce, BI-8370 – Mermaid, BI-8371 – Teakwood, BI-8372 – Poppyfield, BI-8373 – Botanical, BI-8374 – Honeycomb, BI-8375 – Indigo, SI-3185 - Blending Solution, BI-8611 – Flamingo, BI-8612 – Valencia, BI-8613 – Limeade, BI-8614 – Patina, BI-8615 – Turquoise, BI-8616 – Amethyst, BI-8810 – Dandelion, BI-8811 – Coral, BI-8812 – Pistachio, BI-8813 – Crimson, BI-8814 – Aquamarine, BI-8815 – Sepia, BI-7557 – Copper, BI-7558 – Gold, BI-7559 – Silver, BI-7520 – Pearl, BI-7202 - Snow Cap, BI-8816 – Gunmetal, BI-8817 - Rose Gold		
No. of Samples Submitted:		9		
Country of Origin:		USA		
Country of Destination:		I and the second		
Testing Status				
Retest [		Previous Report No.:		



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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

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 March 30, 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

This test report is governed by the Terms and Conditions, available on request or accessible at http://www.mts-global.com/en/terms.html. 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 MTS was requested to survey and test any bulk production quantity of samples, MTS, 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. MTS cannot anticipate and shall not be held responsible for variations in test results that may be due to factors beyond MTS' 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 MTS Test Request Form, MTS makes no warranties or representations either express or implied with respect to this report. In no circumstances whatsoever shall MTS be liable for any consequential, special or incidental damages arising out of, or in connection with, this report.

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**

#### **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

#### **Product Identifiers:**

Product Name:

Tim Holtz Alcohol Inks and Blending Solution

(Colors: BI-7498 - Mushroom, BI-7499 - Latte, BI-7500 - Slate, BI-7501 -Stonewashed, BI-7502 - Meadow BI-7503 - Red Pepper, BI-7492 - Rust, BI-7494 - Oregano, BI-7495 - Caramel, BI-7496 - Currant, BI-7497 - Ginger, BI-7493 - Pitch Black, BI-7360 - Raisin, BI-7362 - Pesto, BI-7363 - Bottle, BI-7364 - Espresso, BI-7856 - Aqua, BI-7870 - Citrus, BI-7855 - Cloudy Blue, BI-7869 - Clover, B-7854 - Cool Peri, BI-7865 - Hazelnut, BI-7857 - Juniper, BI-7852 - Lake Mist, BI-7861 - Lemonade, BI-7872 - Mountain Rose, BI-7862 -Peach Bellini, BI-7864 - Pebble, BI-7863 - Pink Sherbet, BI-7868 - Pool, BI-7866 - Purple Twilight, BI-7875 - Raspberry, BI-7867 - Sailboat Blue, BI-7860 - Salmon, BI-7853 - Sandal, BI-7859 - Shell Pink, BI-7874 - Sunset Orange. BI-7873 - Sunshine Yellow, BI-7871 - Watermelon, BI-7858 - Willow, SI-3236 - Wild Plum, BI-7353 - Stream, BI-7354 - Cranberry, BI-7355 - Eggplant, BI-7356 - Denim, BI-7357 - Terra Cotta, BI-7358 - Butterscotch, BI-7359 -Lettuce, BI-8370 - Mermaid, BI-8371 - Teakwood, BI-8372 - Poppyfield, BI-8373 - Botanical, BI-8374 - Honeycomb, BI-8375 - Indigo, SI-3185 -Blending Solution, BI-8611 - Flamingo, BI-8612 - Valencia, BI-8613 -Limeade, BI-8614 - Patina, BI-8615 - Turquoise, BI-8616 - Amethyst, BI-8810 - Dandelion, BI-8811 - Coral, BI-8812 - Pistachio, BI-8813 - Crimson, BI-8814 - Aquamarine, BI-8815 - Sepia, BI-7557 - Copper, BI-7558 - Gold, BI-7559 - Silver, BI-7520 - Pearl, BI-7202 - Snow Cap, BI-8816 - Gunmetal, BI-8817 - Rose Gold)

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

Identified Uses:

Solvent Based Ink for Colorizing Non-Porous Surfaces

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

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)

Modern Testing Services, LLC 349 Lenox Street, Norwood MA 02062, USA

Tel: 508 638 1793 Fax: 508 638 1759 Website: www.mts-global.com

#### **Emergency Overview**

## WARNING! FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRES. VAPOR HARMFUL. HARMFUL IF SWALLOWED. IRRITANT.

Classification of the Product

Hazardous

Label elements







Pictogram:

Signal Word:

**DANGER** 

Hazard Statement(s):

Flammable liquid and vapor. Vapor may cause flash fires. Harmful if swallowed. Eye irritant. Skin irritant.

Respiratory tract irritant.

Precautionary Statement(s):

Keep away from heat, sparks and flame. Use adequate ventilation. Do not breathe. Do not smoke. Extinguish all flames and pilot light, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

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

**Children's Statement** 

Keep out of the reach of children.

**Classification of the Product:** 

NFPA (scale 0-4)

Health: 2 Fire: 3 Reactivity: 0

HMIS (scale 0-4)

Health: 1 Fire: 3 Reactivity: 0

Regulation (EC) No. 1272/2008

Flammable liquid 3 (H226); Flammable liquid 2 (H225); Eye Irritant 2 (H319); Eye damage 1 (H318); Acute Toxic

4 (H312)

Directive 67/548/EEC & Directive 1999/45/EC

[Ethanol: F:R11]; [Propylene Glycol Monomethyl Ether: R10, R67]; [Isopropyl Alcohol: F: R11; Xi: R36, R67];

[Glycol Ether: Xn: R21, Xi: R36]

#### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

#### **Substances**

Mixture of the following chemicals:

Ethanol (CAS No. 64-17-5) 47 - 65%

Propylene Glycol Monomethyl Ether (CAS No. 107-98-2)

19 - 25%

Isopropyl Alcohol (CAS No. 67-63-0) 4 - 6%

Glycol Ether (CAS No. 2807-30-9) 0 - 25%

N-Propanol (CAS No. 71-23-8) 0.76-69.50% (only

applies to four mixtures)

Modified Rosin (Cas no. 68333-69-7) <9%

Pigments (Proprietary Ingredients) 0.02-18%

#### **Risk and Safety Phrases:**

Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and according to DSD (Dangerous Substances Directive (67/548/EEC)) and DPD (Dangerous Preparations Directive (1999/45/EC)) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

#### **SECTION 4 - FIRST AID MEASURES**

#### 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

Drink water or milk to dilute. Do not induce vomiting. Consult a physician.

## **SECTION 5 - FIREFIGHTING MEASURES**

#### Extinguishing media

#### Suitable extinguishing media

Water, foam, carbon dioxide or dry chemical equipment.

#### Fire/Explosion Hazards

Container explosion may occur under fire conditions. Vapors may form explosive mixture with air. Vapors may cause a flash fire or ignite explosively.

#### Flashpoint/Flammability

68°F (20°C) (Tag closed up)/ Flammable (Mixture)

# **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

#### **Environmental precautions**

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

# Methods and materials for containment and cleaning up

Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.

#### **SECTION 7 – HANDLING AND STORAGE**

#### Precautions for safe handling

Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container tightly closed when not in use. Keep container upright to prevent leakage.

# Conditions for safe storage

Flammable liquid. Store between 50-100°F., ideally 70°F. (10-37.7°C., ideally 21.1°C)

# SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

# **Personal Protective Equipment**

Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.

#### **Exposure Limits**

1

Component	Source	Туре	ppm	mg/m3	Note
Ethyl Alcohol	US (ACGIH)	STEL	1000 ppm		Upper respiratory tract irritation
					confirmed animal carcinogen with
	110 (0.0111)		<del> </del>		unknown relevance to humans.
	US (OSHA)	TWA	1000 ppm	1,900mg/m	29 CFR 1910.1000 Table Z-1 limits for
_				3	air contaminants.
Propylene Glycol	ACGIH	TWA	100ppm		
Monomethyl		5			
Ether					
	ACGIH	STEL	150ppm		
	OSHA Z1A	TWA	100ppm	360mg/m3	
	OSHA ZIA	STEL	150ppm	540mg/m3	
lsopropyl Alcohol	ACGIH	TWA	200ppm	<u> </u>	
	ACGIH	STEL	400ppm		
	OSHA Z1	PEL	400ppm	980 mg/m3	
	OSHA ZIA	TWA	400ppm	980 mg/m3	
	OSHA ZIA	STEL	500ppm	1.225	
				mg/m3	
Glycol Ether	ECCOEL (01 2001)	TWA	25ррш		
N-Propanol	US (OSHA) Z1A	TWA	200ppm	500mg/m3	

#### Respiratory and Ventilation

Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.

#### **Skin Protection**

Wear water resistant impervious gloves if handling bulk amounts.

#### **Eye Protection**

Wear goggles where spills or splashing may occur.

# **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

# Information on basic physical and chemical properties

a) Appearance	Liquid
b) Colour	Various (Please refer to section 16 for full color list)
c) Odour	Alcohol-like
d) Odour Threshold	Not known
e) pH	Not known
<ul><li>f) Melting point/freezing</li></ul>	Not known
g) Initial boiling point	Not known
and boiling range	
h) Flash point	68°F (20°C) (Tag closed up)
i) Evaporation rate	Not known
j) Flammability (solid/gas)	Not known
k) Upper/lower	Not known
flammability or	
explosive limits	
Vapour pressure	Not known
m) Vapour density	<1
n) Relative density	Not known
<ul><li>o) Water solubility</li></ul>	Miscible

Not known

n-octanol/water
q) Auto-ignition Not known

p) Partition coefficient:

temperature
r) Decomposition Not known

temperature
s) Viscosity 5-20 cps
t) Explosive properties Not known

u) Oxidizing properties Not known

# Other safety information

None.

#### SECTION 10 - STABILITY AND REACTIVITY

#### Reactivity

No dangerous reaction known under conditions of normal use.

#### **Chemical stability**

Stable under recommended storage conditions.

(Ethanol: Strong oxidizing agents.)

(Propylene Glycol Monomethyl Ether: May form peroxides on prolonged storage.)

(Isopropyl Alcohol: Reacts with strong oxidizing agents and strong acids.)

(Glycol Ether: Strong oxidizing agents.)

(N-Propanol: Strong oxidizing agents. Incompatible with acids.)

#### Conditions to avoid

Keep away from heat, sparks and flame.

# Incompatible materials

Amines. Alkalis. Strong oxidizing substances. Acids.

#### Hazardous decomposition products

No dangerous decomposition products known. Decomposition products depend on conditions.

#### SECTION 11 - TOXICOLOGICAL INFORMATION

#### **Health Effects**

Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients.

#### Oral

Ethanol: LC50, rat >7,060mg/kg BWT

Propylene Glycol Monomethyl Ether: LD50, rat >2,000mg/kg

Isopropyl Alcohol: LD50, rat >2,000mg/kg Glycol Ether: LD50, rat >3,089mg/kg N-Propanol: LD50, rat >1,870mg/kg

#### Inhalation

Ethanol: LC50 >2,000ppm / 10 hours, Rat

Propylene Glycol Monomethyl Ether: LC50 > 5000 ppm/1-hour, Rat

Isopropyl Alcohol: LC50 > 5000 ppm/1-hour, Rat Glycol Ether: LC50 > 2132 ppm/6 hours, Rat N-Propanol: LC50 > 4,000 mg/l 4 hours, Rat

#### Dermal

Ethanol: LD50, rabbit >20mg/24hrs

Propylene Glycol Monomethyl Ether: LD50, rabbit >2,000mg/kg

Isopropyl Alcohol: LD50, rabbit >2,000mg/kg Glycol Ether: LD50, rabbit >1,337mg/kg N-Propanol: LD50, rabbit >4,060mg/kg

#### **Eye Effects**

Irritating to eyes.

#### Skin Effects

Cause skin irritation.

# **Respiratory Effects**

Vapors may cause drowsiness and dizziness.

## Additional toxicological information:

When used and handled according to specifications, the mixture does not have any harmful effects according to past experience and the information provided.

# **SECTION 12 - ECOLOGICAL INFORMATION**

#### **Toxicity**

Not expected to be harmful to the environment.

#### Aquatic toxicity

Low toxicity to aquatic organisms on an acute basis.

#### Persistence and degradability

Readily biodegradable.

#### Bioaccumulative potential

Not expected to bioaccumulate significantly.

#### Mobility in soil

If products enters soil, it will be highly mobile and may contaminate groundwater.

#### Additional ecological information

Not known.

#### **SECTION 13 – DISPOSAL CONSIDERATIONS**

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of flammable aqueous polymer wastes.

#### **SECTION 14 - TRANSPORT INFORMATION**

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UN number: 1210 Class: 3 Packing group: II

Shipping name technical: Printing Ink, Flammable Shipping name hazard: Printing Ink, Flammable

**IMDG** 

UN number: 1210 Class: 3 Packing group: II

Shipping name technical: Printing Ink, Flammable Shipping name hazard: Printing Ink, Flammable

EmS number: F-E, S-D Marine pollutant: No

ICAO/IATA

UN number: 1210 Class: 3 Packing group: II

Shipping name technical:

Shipping name hazard:

Printing Ink, Flammable
Printing Ink, Flammable
Printing Ink, Flammable
No

HAZCHEM CODE 3YE

CEFIC TEC® NUMBER 30GF1-1+11, 30GF1-sp

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

#### **SECTION 15 - REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture.

#### SARA

Not applicable to this mixture.

#### Section 355 (Extremely hazardous substances)

Not applicable to this mixture.

#### Section 313 (Specific toxic chemical listing)

Not applicable to this mixture.

#### **TSCA (Toxic Substance Control Act)**

All ingredients are listed.

#### **Proposition 65**

This product contains the following Proposition 65 chemical: Ethanol is only considered when it is ingested as an alcoholic beverage. This does not apply to this art material mixture. As of December 3, 2015, this product contains no listed substances known to the State of California to cause cancer, birth defects, or other reproductive harm at levels which would require a warning under the statute.

#### Carcinogenicity categories

#### **EPA (Environmental Protection Agency)**

Not applicable to this mixture.

# **NOISH-Ca (National Institute for Occupational Safety**

Not applicable to this mixture.

#### **OSHA-Ca (Occupational Safety & Health**

Not applicable to this mixture.

#### **SECTION 16 - OTHER INFORMATION**

# **Product Description**

62007	ER 50 101	Marin San	1077020
Drod	uct No	Color	Name
PICILII	IICI INC)	COLOR	HILLIAN

TIM19800 Alcohol Blending Solution

#### **Alcohol Inks**

Product No.	Color Name
BI-7498	Mushroom
BI-7499	Latte
BI-7500	Slate
BI-7501	Stonewashed
BI-7502	Meadow
BI-7503	Red Pepper
BI-7492	Rust
BI-7494	Oregano
BI-7495	Caramel
BI-7496	Currant
BI-7497	Ginger
BI-7493	Pitch Black
BI-7360	Raisin
BI-7362	Pesto
BI-7363	Bottle

BI-7858         Willow           SI-3236         Wild Plum           BI-7353         Stream           BI-7354         Cranberry           BI-7355         Eggplant           BI-7356         Denim           BI-7357         Terra Cotta           BI-7358         Butterscotch           BI-7359         Lettuce           BI-8370         Mermaid           BI-8371         Teakwood           BI-8372         Poppyfield           BI-8373         Botanical           BI-8374         Honeycomb           BI-8375         Indigo           SI-3185         Blending Solution           BI-8375         Indigo           SI-3185         Blending Solution           BI-8611         Flamingo           Valencia         Limeade           BI-8613         Limeade           BI-8614         Patina           BI-8615         Turquoise           BI-8810         Dandelion           BI-8811         Coral           BI-8812         Pistachio           BI-8813         Crimson           BI-8814         Aquamarine           BI-8815         Sepia	v
BI-8815 Sepia BI-7557 Copper	
BI-7520 Pearl BI-7202 Snow Cap BI-8816 Gunmetal BI-8817 Rose Gold	

#### Abbreviations and acronyms:

#### **H Statements**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H318 Causes serious eye damage.

H319 Causes serious eye Irritation.

R-phrases

R10 Flammable.
R11 Highly flammable.

R21 Harmful in contact with skin.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

# NFPA (SCALE 0-4) National Fire Protection Association (USA)

**Health: 2**Warning: May be harmful if inhaled or absorbed.
Warning: Flammable liquid flash point below 100°F

Reactivity: 0 Stable: Not reactive when mixed with water.

#### HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)

**Health: 1** Slight Hazard: Irritation or minor reversible injury possible.

Fire: 3 Serious Hazard: Materials capable of ignition under almost all normal

temperature conditions. Includes flammable liquids with flash points below 73°F and boiling points above 100°F, as well as liquids with flash

points between 73°F and 100°F. (Classes IB & IC)

Reactivity: 0 Minimal Hazard: Materials which are normally stable even under fire

conditions, and which will not react with water.

#### **Exposure Limits**

**TWA -** Time Weighted Average (8 hr.)

STEL - Short Time Exposure Limit (15 min.)

**REL -** Recommended Exposure Limit

PEL - Permissible Exposure Limit

IDLH - Immediately Dangerous to Life or Health

## **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 March 30, 2018