

21177-1002



Safety Data Sheet

Tim Holtz® Alcohol Ink, Mixatives, & Blending Solution

1. Identification

Product name:	Tim Holtz® Alcohol Ink, Mixatives, & Blending Solution
Effective Date:	March 30, 2023
Manufacturer:	Ranger Industries, Inc. 15 Park Road Tinton Falls, NJ 07724
Information Contact:	732-389-3535
Emergency Contact: Chemtrec (24 Hours)	800-468-6942 800-424-9300 (for spills only)
Product Use:	Art Material – Consumer Product

2. Hazards Identification

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



Pictograms

Signal Word

Hazard Statement

DANGER

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

Precaution Statement

Keep away from heat, sparks, and flame. Use adequate ventilation. Do not breathe. Do not smoke. Extinguish all flames and pilot lights, 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.

Children's Statement	Keep out of reach of children.
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]

3. Composition / Information on Ingredients

Substance/Mixture: Mixture

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>Content</u>
64-17-5	Ethanol	47%-65%
107-98-2	Propylene Glycol Monomethyl Ether	19%-25%
67-63-0	Isopropyl Alcohol	4%-6%
2807-30-9	Glycol Ether	0%-25%
71-26-2	n-propanol	0.76%-69.5%
68333-69-7	Modified Rosin	<9%
Proprietary	Pigments	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.

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 attention if irritation develops or persists.

If swallowed

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

5. Fire Fighting Measures

Suitable extinguishing media

Water, foam, carbon dioxide, or dry chemical equipment.

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.

Flashpoint/Flammability 68°F (20°C)(Tag closed cup)/ Flammable (Mixture)

6. Accidental Release Measures**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.

Environmental precautions

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

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.

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

7. Handling and Storage**Precautions for safe handling**

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

Conditions for safe storage, including any incompatibilities

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

Specific end use(s)

No further information available.

8. Exposure Controls / Personal Protection

Personal Protective Equipment Wear safety goggles, water resistant impervious gloves, and protective clothing if handling bulk materials.

Exposure Limits

Component	Source	Type	ppm	mg/m3	Note
Propylene Glycol Monomethyl Ether	ACGIH	TWA	100ppm		
	ACGIH	STEL	150ppm		
Ethyl Alcohol	US (ACGIH)	STEL	1000ppm		Upper respiratory tract irritation Confirmed animal carcinogen with unknown relevance to humans
	US (OSHA)	TWA	1000ppm	1900mg/m3	29 CFR 1910.1000 Table Z-1 limits for air contaminants
Isopropyl Alcohol	ACGIH	TWA	200ppm		
	ACGIH	STEL	400ppm		
	OSHA Z1	TWA	400ppm	980mg/m3	
	OSHA Z1A	TWA	400ppm	980mg/m3	
N-Propanol	OSHA Z1A	STEL	500ppm	1.225mg/m3	
	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 impervious gloves if handling bulk amounts.
Eye Protection Wear goggles where spills or splashing may occur.

9. Physical and Chemical Properties

Appearance Colored
Physical State Liquid

Color	Various (Please refer to section 16 for a full color list)
Odor	Alcohol odor
Boiling Point	Not determined
Freezing Point	Not determined
State (pH)	Not applicable
Specific Gravity	Not determined
Viscosity	5-20cps
Flashpoint	68°F (20°C)(Tag closed cup)
Vapor Pressure	Not determined
Vapor Density	<1
Solubility in Water	Miscible

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.

11. Toxicological Information

Health Effects

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

Oral

Ethanol:LC50>7060mg/kg (rat)

Propylene Glycol Monomethyl Ether:LD50>2000mg/kg (rat)

Isopropyl Alcohol:LD50>2000mg/kg (rat)

Glycol Ether: LD50>2,000mg/kg (rat)

N-Propanol:LD50>1870mg/kg (rat)

Inhalation

Ethanol:LC50>2000ppm/10 hours (rat)

Propylene Glycol Monomethyl Ether:LC50>5000ppm/1 hour (rat)

Dermal

Isopropyl Alcohol:LC50>5000ppm/1 hour (rat)
 Glycol Ether: LC50>2,132ppm/6 hours (rat)
 N-Propanol:LD50>4000mg/l 4 hours (rat)
 Ethanol:LD50>20mg/24hrs (rabbit)
 Propylene Glycol Monomethyl Ether:LD50>2000mg/kg (rabbit)
 Isopropyl Alcohol:LD50>2000mg/kg (rabbit)
 Glycol Ether LD50>1,337mg/kg (rabbit)
 N-Propanol:LD50>4060mg/kg (rabbit)

Eye Effects

Irritating to eyes

Skin Effects

Causes 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.

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

Additional ecological information

Not known

13. Disposal Information

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

14. Transportation Information

US DOT Classification

Shipping Name

Printing Ink, Flammable

Technical Shipping Name

Printing Ink, Flammable

Hazard Class 3
 UN Number 1210
 Packing Group II

IMDG

Shipping Name Printing Ink, Flammable
 Technical Shipping Name Printing Ink, Flammable
 Hazard Class 3
 UN Number 1210
 Packing Group II
 EmS Number F-E, S-D
 Marine Pollutant No

ICAO/IATA

Shipping Name Printing Ink, Flammable
 Technical Shipping Name Printing Ink, Flammable
 Hazard Class 3
 UN Number 1210
 Packing Group II
 Marine Pollutant No

HAZCHEM CODE 3YE
CEFC 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.

15. Regulatory Information

Safety, health, and environmental regulations/legislations 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. Ethanol is only considered when it is ingested as an alcoholic beverage. This does not apply to this art material mixture. As of January 28, 201, 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

7

EPA (Environmental Protection Agency)	Not applicable to this mixture
NIOSH-Ca (National Institute for Occupational Safety & Health)	Not applicable to this mixture
OSHA-Ca (Occupational Safety & Health Administration)	Not applicable to this mixture

16. Other Information

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
R37	Vapours may cause drowsiness and dizziness

Product Description

Amethyst – TAL52579	Flamingo – TAL52586
Aqua – TAL25610	Ginger – TIM22046
Aquamarine – TAL59394	Glacier – TAL70177
Botanical – TAL40712	Gumball – TAL70122
Bottle – TIM21957	Honeycomb – TAK40699
Boysenberry – TAL70115	Indigo – TAL40705
Butterscotch – TIM21964	Laguna – TAL70184
Caramel – TIM21971	Latte – TIM22060
Citrus – TAB25450	Lemonade – TAL25382
Cloudy Blue – TAL25627	Lettuce – TIM22077
Clover – TAB25467	Limeade – TAL52593
Cobalt – TAL70139	Meadow – TIM22084
Cool Peri – TAL25634	Mermaid – TAL40729
Coral – TAL59400	Mojito – TAL70207
Cranberry – TIM21995	Monsoon – TAL70214
Crimson – TAL59417	Moss – TAL70221
Currant – TIM22008	Mushroom – TIM22091
Dandelion – TAL59424	Oregano – TIM22107
Denim – TIM22015	Patina – TAL52609
Dijon – TAL70146	Peach Bellini – TAL25658
Espresso – TIM22039	Pebble – TAB25498
Everglades – TAL70160	Pink Sherbet – TAL25665
Fiesta – TAL70191	Pistachio – TAL59431

Pitch Black – TIM22138	Key West – TAK58748
Pool – TAB25504	Lakeshore – TAK25955
Poppyfield – TAL40736	Mariner – TAK40866
Purple Twilight – TAB25511	Miners Lantern – TIM20721
Raspberry – TAB25528	Nature Walk – TIM19787
Red Pepper – TIM22152	Retro Café - TAK52562
Rosewood – TAL70238	Rodeo – TAK58755
Rust – TIM22169	Granite – TAK76568
Sailboat Blue – TAB25535	8pk Greens/Blues – TAK76155
Salmon – TAL25672	8pk Spectrum – TAK76148
Sandal – TAL25689	Rustic Lodge – TIM19770
Sepia – TAL59448	Spring Break – TAK52555
Shell Pink – TAL25436	Summit View – TAK25986
Sienna – TAL70245	Indigo/Violet Spectrum – TAK69775
Slate – TIM22183	Mint/Green Spectrum – TAK69652
Stonewashed – TAL52616	Orange/Yellow Spectrum – TAK69645
Sunset Orange – TAB25542	Pink/Red Spectrum – TAK69638
Sunshine Yellow – TAB25559	Teal/Blue Spectrum – TAK69669
Teakwood – TAL40743	Tuscan Garden – TIM20707
Terra Cotta – TIM22213	Valley Trail – TAK25979
Turquoise – TAL52616	Wildflowers – TAK25948
Valencia – TAL52623	Copper – TIM21988
Vineyard – TAL70252	Gold – TIM22053
Watermelon – TAB25566	Gunmetal – TAL59783
Wild Plum – TIM22220	Pearl – TIM22114
Willow – TAL25443	Rose Gold – TAL59790
Solvent Based Stamp Cleaner - SCD01713	Silver – TIM22176
Beach Deco – TAK52548	Snow Cap – TAL31611
Cabin Cupboard – TIM20691	Gold & Silver – TIM21247
Conservatory – TAK40859	Pearl & Copper – TIM21254
Cottage Path – TIM20714	Rose Gold & Gunmetal – TAK58762
Countryside – TAK25924	Pitch Black & Snow Cap – TIM34049
Dockside Picnic – TAK25962	2 oz Blending Solution – TIM19800
Farmer's Market – TIM19763	0.5 oz Blending Solution- TIM50353

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