



02204-XXXX

## Safety Data Sheet Tim Holtz® Alcohol Ink

### 1. Identification

**Product name:** Tim Holtz® Alcohol Ink

**Effective Date:** January 5, 2017

**Manufacturer:** Ranger Industries, Inc.  
15 Park Road  
Tinton Falls, NJ 07724

**Information Contact:** 732-389-3535

**Emergency Contact:** 800-468-6942  
Chemtrec (24 Hours) 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

#### **WARNING!**

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.

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]; [Glycol Ether PM: 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	<1%-62%
107-98-2	Glycol Ether PM	<1%-25%
67-63-0	Isopropyl Alcohol	<1%-10%
2807-30-9	Glycol Ether EP	0%-<1%
71-23-8	N-Propanol	0%-70%
68333-69-7	Modified Rosin	<10%

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

#### *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

Inhalation	If affected, seek fresh air.
Skin Contact	Wash the affected area with plenty of soap and water.
Eye Contact	Carefully flush with water for at least 15 minutes. If irritation occurs, contact a physician.
Ingestion	Drink water or milk to dilute. Do not induce vomiting. Contact a physician.

### 5. Fire Fighting Measures

**Extinguishing Media** Water, foam, carbon dioxide, or dry chemical.

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. Keep away from heat and open flame. Exposure of closed containers to excessive heat may cause disruptive pressure.
Flashpoint/Flammability	68°F (20°C)(Tag closed cup)/ Flammable (Mixture)

### 6. Accidental Release Measures

Environmental Precautions	This product should not be released into the environment
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.

### 7. Handling and Storage

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 closed when not in use. Keep container upright to prevent leakage.
Storage	Flammable liquid. Store between 50-100°F, ideally 70°F (10-37.7°C, ideally 21.1°C)

### 8. Exposure Controls / Personal Protection

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

Component	Source	Type	ppm	mg/m3	Note
Glycol Ether PM	ACGIH	TWA	50ppm		
	ACGIH	STEL	100ppm		
Ethanol	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	
Glycol Ether EP	ECCOEL (01 2001)	TWA	25ppm		
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 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	Product is stable under recommended storage conditions.
Conditions to Avoid	Keep away from heat, sparks, and flame.
Incompatible materials	Amines. Alkalis. Strong oxidizing substances. Acids.
Hazardous Decomposition Products	None 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	Glycol Ether PM:LD50>4016mg/kg (rat) Ethanol:LD50>2000mg/kg (rat) Isopropyl Alcohol:LD50>5840mg/kg (rat) Glycol Ether EP:LD50>3089mg/kg (rat) N-Propanol:LD50>1870mg/kg (rat)
Inhalation	Glycol Ether PM:LD50>25.8mg/l (rat) Ethanol:LD50>20mg/l (mouse) Isopropyl Alcohol:LD50>25000mg/m3 (rat) Glycol Ether EP:LD50>2132ppm (rat) N-Propanol:LD50>4000mg/l (rat)
Dermal	Glycol Ether PM:LD50>2000mg/kg (rabbit) Ethanol:LD50>2000mg/kg (rabbit) Isopropyl Alcohol:LD50>13900mg/kg (rabbit) Glycol Ether EP:LD50>1337mg/kg (rabbit) N-Propanol:LD50>4060mg/kg (rabbit)
Eye Effects	May cause eye irritation
Skin Effects	May cause mild skin irritation
Respiratory Effects	Vapors may cause drowsiness and dizziness

### 12. Ecological Information

Toxicity	Not expected to be harmful to the environment
Aquatic toxicity	No data available
Persistence and degradability	Readily biodegradable
Bioaccumulative potential	No data available
Mobility in soil	No data available

### 13. Disposal Information

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

### 14. Transportation Information

#### US DOT Classification

Shipping Name	Printing Ink, Flammable
Technical Shipping Name	Printing Ink, Flammable

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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**

Section 355 (extremely hazardous substances)

This product contains no known chemicals regulated under SARA 355

Section 313 (Specific toxic chemical listing) Isopropyl Alcohol CAS #67-63-0 <1-10%  
 Isopropyl Alcohol is reportable under SARA 313 only when it is manufactured in a strong acid process

TSCA (Toxic Substance Control Act) All ingredients are listed

**Proposition 65**

As of January 5, 2107 this product contains no listed substances known to the State of California to cause birth defects or other reproductive harm at levels which would require a warning under the statute.

## Carcinogenic Categories

EPA (Environmental Protection Agency)	Not applicable to this mixture
TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture
MAK (German Maximum Workplace Concentration)	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

## Product Description

Product No.	Color Name	Product No.	Color Name
TAL25436	Shell Pink	TIM22084	Meadow
TAL25665	Pink Sherbet	TIM21957	Bottle
TAL52586	Flamingo	TAL25610	Aqua
TAB25566	Watermelon	TAL52609	Patina
TAL40736	Poppyfield	TAB25504	Pool
TIM22152	Red Pepper	TAL40729	Mermaid
TIM21995	Cranberry	TAL52616	Turquoise
TIM22008	Currant	TIM22206	Stream
TAL25689	Sandal	TAL25634	Cool Peri
TAL25672	Salmon	TAL25627	Cloudy Blue
TAL25658	Peach Bellini	TAB25535	Sailboat Blue
TAL52623	Valencia	TIM22190	Stonewashed
TAB25542	Sunset Orange	TIM22015	Demin
TIM22213	Terra Cotta	TAL40705	Indigo
TIM22046	Ginger	TAB25528	Raspberry
TIM22169	Rust	TIM22220	Wild Plum
TAL25382	Lemonade	TAB25511	Purple Twilight
TAB25559	Sunshine Yellow	TAL52579	Amethyst
TAL40699	Honeycomb	TIM22022	Eggplant
TIM21964	Butterscotch	TIM22060	Latte
TIM21971	Caramel	TIM22091	Mushroom
TAL25443	Willow	TAL40743	Teakwood
TAB25450	Citrus	TIM22039	Espresso
TAL52593	Limeage	TAB25498	Pebble
TIM22077	Lettuce	TIM22183	Slate
TIM22107	Oregano	TIM22138	Pitch Black
TAL40712	Botanical	TIM19800	Blending Solution
TAB25467	Clover		

Supersedes MSDS

Reason for Issue

Prepared by:

December 3, 2015

Additional Colors

Jim Gugger, Chemist

Health, Safety, and Environmental Dept

Ranger Industries, Inc.

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USA

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