

Safety Data Sheet

Product No. 114-7 Clear Nail Polish

Issue Date (10-6-15)

Review Date (11-6-15)

Section 1: Product and Company Identification

Product Name: Clear Nail Polish

Synonym: None

Company Name

Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Domestic Phone (800) 237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

International Phone (01) (530) 243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Chemtrec Emergency Number 1-800-424-9300 24 hrs a day.

Section 2: Hazard Identification

2.1 Classification of substance or mixture

GHS Pictograms



GHS02 GHS07

GHS Categories

GHS02 – Flammable

Flammable liquids 2

H225: Highly flammable liquid and vapor.

GHS07 – Irritant

Eye irritation 2A

H319: Causes serious eye irritation.

STOT, SE 3

H336: May cause drowsiness or dizziness.

2.2 Label elements

GHS Pictograms



Signal Word: DANGER

Hazard Statements

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H402 Harmful to aquatic life.

Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340+P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in well-ventilated place. Keep container tightly closed.
P253	Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

2.3 Other hazards

Health Effects:

NFPA Hazard Rating: ND

HMIS® Hazard Rating: ND

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment:

PBT: ND

vPvB: ND

Emergency overview:

Appearance: Clear liquid

Potential health effects

Primary Routes of entry: Inhalation, skin, eyes, ingestion.

Signs and Symptoms of Overexposure: ND

Eyes: Eye irritation both liquid and vapor.

Skin: Mild skin irritant; can cause non-allergic contact dermatitis.

Ingestion: May cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

Inhalation: Prolonged inhalation may be harmful. May cause drowsiness, headaches, nausea, vomiting and narcosis. May cause lung irritation.

Chronic Exposure: ND

Chemical Listed as Carcinogen or Potential Carcinogen: none.

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Hazardous and Non-Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m³	ACGIH TLV	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Ethyl acetate (141-78-6) EC-No. 205-500-4 Index No. 607-022-00-5 H225; H319; H336	15-40	ND	400 ppm/1,400 mg/m ³	No	No	No
Butyl acetate (123-86-4) EC-No. 204-658-1 Index No. 607-025-00-1 H226; H336; H402	15-40	ND	150 ppm/710 mg/m ³	No	No	No
Cellulose Acetate Butyrate (9004-36-8)	ND	ND	ND	No	No	No
Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer (28407-73-0) EC No.: 608-203-1	ND	ND	ND	No	No	No
Alcohol Denat (64-17-5)	ND	1900mg/m ³ 1000 ppm	1900mg/m ³ 1000 ppm	No	1	No
Dipropylene Glycol Dibenzoate (27138-31-4) EC NO.: 248-258-5	ND	ND	ND	No	No	No

Nitrocellulose (9004-70-0)	5-15	ND	ND	No	No	No
Isopropyl alcohol (67-63-0) EC-No: 200-661-7 Index No. 603-117-00-0 H225; H319; H336	1-10	ND	400 ppm/980 mg/m ³	No	3	No
Violet 2/ CI 60725 (81-48-1) EC No.: 216-901-9	ND	ND	ND	No	No	No

All ingredients listed are approved for Cosmetic Use for Nail Polish

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Flush eyes with plenty of water. If irritation persists, get medical attention.

Skin Contact: Thoroughly wash the exposed area if irritation occurs. If irritation persists, get medical assistance.

Inhalation: Immediately remove victim to fresh air. If respiratory problems arise, get medical attention.

Ingestion: Do not induce vomiting. Drink 3-4 glasses of water. Get prompt medical attention.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: NE

Section 5: Fire Fighting Measures

Flash Point: < 21 °C

Flammable Limits: ND

Auto-ignition point: ND

Fire Extinguishing Media: Foam, CO₂, water fog, sand/earth.

Special Fire Fighting Procedures: Must wear NOISH approved self-contained breathing apparatus and protective clothing. Cool fire exposed containers with water spray.

Unusual Fire and Explosion Hazards: When heated above the flash point, flammable vapors may be omitted. Fine mists or sprays may be flammable at temperatures below the flash point.

Hazardous combustion products: ND

DOT Class: Flammable.

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled (bulk): Use suitable protective clothing/equipment. Ventilate area and remove sources of ignition. No smoking. Prevent skin contact and breathing vapors. Confine and remove with inert absorbent.

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:

Handling: No smoking. Close container after each use. Wash hands thoroughly after handling. Exposure by inhalation or skin contact should be minimized.

Storage: Keep away from heat, sparks, and flames. Do not store over 120 °F. Store in a cool, dry place. Protect containers against damage. Keep closed when not in use. Eliminate possible ignition sources. Prevent static discharges. Use flame-proof electrical equipment.

Storage temperature: ND

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Provide adequate ventilation.

Personal Protection Equipment

Respiratory protection: Use with adequate ventilation and avoid breathing vapors. An approved respirator should be worn if the maximum exposure levels noted in Section 2 are surpassed.

Protective gloves: Neoprene gloves.

Eye protection: Safety glasses with side shields.

Additional clothing and/or equipment: ND

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Clear liquid.

Odor (threshold): Solvent (ND)

Specific Gravity (H₂O=1): 0.94-1.02

Vapor Pressure (mm Hg): ND

Vapor Density (air=1): Heavier than air

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND

Boiling Point: ND

Freezing point / melting point: ND

pH: ND

Solubility in Water: Insoluble

Molecular Weight: ND

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Extreme temperatures, flame, electric spark, static, heat.

Materials to Avoid (Incompatibility): Strong oxidizing agents. Acids, alkaline, peroxides.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrous oxides,

smoke.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed:

Isopropyl Alcohol (67-63-0)

Oral LD50 (Rat) 5,045 mg/kg (Remarks – behavioral: altered sleep time, somnolence)

Inhalation LC50 (Rat) 16,000 ppm (8 h)

Dermal LD50 (Rabbit) 12,800 mg/kg

Skin corrosion/irritation

Skin - Rabbit

Results: Mild skin irritation

Serious eye damage/eye irritation

Eyes – Rabbit

Result: Eye irritation – 24 h

Butyl Acetate (123-86-4)

Oral LD50 (Rat) 10,760 mg/kg

Inhalation LC50 (Rat) 14,112 mg/kg

Dermal LD50 (Rabbit) >14,112 mg/kg

Skin corrosion/irritation

Skin – Rabbit

Result: No skin irritation (4 h)

Serious eye damage/eye irritation

Eyes – Rabbit

Result: No eye irritation

Ethyl acetate (141-78-6)

Oral LD50 (Rat) 5,620 mg/kg

Inhalation LC50 (Mouse) 45,000 mg/m³ (2h)

Dermal LD50 (Rabbit) >18,000 mg/kg

Skin corrosion/irritation

Skin – Rabbit

Result: Mild skin irritation

Human experience: ND

This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information

Ecological Information:

Isopropyl Alcohol (67-63-0)

Toxicity to fish

LC50 – Pimephales promelas (fathead minnow) – 9,640.00 mg/l (96 h)

EC50 – Daphnia magna (water flea) – 5,102.00 mg/l (24 h)

Toxicity to daphnia and other aquatic invertebrates

Immobilization EC50 – Daphnia magna (water flea) – 6,851 mg/l (24 h)

Toxicity to algae

EC50 – Desmodesmus subspicatus (green algae) - >2,000.00 mg/l (72 h)

EC50 – Algae - >1,000.00 mg/l (24 h)

Butyl Acetate (123-86-4)

Toxicity to fish

Flow-through test LC50 – Pimephales promelas (fathead minnow) – 18 mg/l (96 h)

Toxicity to daphnia and other aquatic invertebrates

Static test EC50 – Daphnia (water flea) – 44 mg/l (48 h)

Toxicity to algae

Static test EC50 – Desmodesmus subspicatus (Scenedesmus subspicatus) – 674.7 mg/l (72 h)

Persistence and biodegradability

Aerobic – Exposure time 28 d

Result: 83% - Readily biodegradable

Ethyl acetate (141-78-6)

Toxicity to fish

LC50 – Oncorhynchus mykiss (rainbow trout) – 350.00-600.00 mg/l (96h)

LC50 – Pimephales promelas (fathead minnow) – 220.00-250.00 mg/l (96 h)

Toxicity to daphnia and other aquatic invertebrates

EC50 – Daphnia magna (water flea) – 2,300.00-3,090.00 mg/l (24 h)

LC50 – Daphnia magna (water flea) – 560 mg/l (48 h)

EC50 – Selenastrum – 1,800.00 -3,200.00 mg/l (72 h)

Persistence and biodegradability

Result: 79% - Readily biodegradable

Bioaccumulative potential

Bioaccumulation: -3 d. Bioconcentration factor (BCF): 30

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: ND

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

US DOT Information: Proper shipping name: Paint

Hazard Class: 3

Packaging group: II

UN Number: UN1263

IATA: Proper shipping name: Paint

Hazard Class: 3

Packaging group: II

UN Number: UN1263

IMO: Proper shipping name: Paint

Hazard Class: 3

Packaging group: II

UN Number: UN1263

Marine Pollutant: No

Section 15: Regulatory Information

United States Federal Regulations

SDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA Title III (Section 302): No components subject to reporting requirements of this section.

SARA Title III (Section 313): The following components are subject to reporting levels established by this section: Isopropyl alcohol (67-63-0)

SARA Title III (Sections 311 and 312):

Isopropyl alcohol (67-63-0): Fire hazard, acute health hazard

Butyl Acetate (123-86-4): Fire hazard, chronic health hazard

Ethyl acetate (141-78-6): Fire hazard, acute health hazard, chronic health hazard

RCRA:

Butyl Acetate (123-86-4): 5,000 Rq

Ethyl acetate (141-78-6): 5,000 Rq

TSCA: All components are listed

CERCLA: None listed.

State Regulations

California Proposition 65: Ethanol (64-17-5): Chemicals known to cause developmental toxicity.

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers: ND

Section 16: Other Information

Label Information: See section 2

European Risk and Safety Phrases: ND

European symbols needed: ND

Canadian WHMIS Symbols: ND

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

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