

Safety Data Sheet

Product No. 892 Wenol Metal Polish

Issue Date (08-09-13)

Review Date (08-31-17)

Section 1: Product and Company Identification

Product Name: Wenol Metal Polish

Synonym: Metal polish

Company Name

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

Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day

CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification

GHS Pictograms:



Flammable



Corrosive



Health hazard

GHS Categories:

GHS02: Flammable

Flam. Liq.: 3 H226 Flammable liquid and vapor.

GHS05: Corrosive

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

GHS08: Health Hazard

Muta. 1B H340 May cause genetic defects.

Carc. 1B H350 May cause cancer.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Signal Word: DANGER

Hazard-determining components of labeling:

White Spirit 150/200N

Ammonia, anhydrous

Kerosene (petroleum)

Hazard statements:

H226 Flammable liquid and vapor.

H314 Causes severe skin burns and eye damage.

H340 May cause genetic defects.

H350 May cause cancer.

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

Health Effects:

NFPA Hazard Rating: Health: 2; Fire: 2; Reactivity: 0

HMIS® Hazard Rating: Health: 2; Fire: 2; Reactivity: 0

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

Results of PBT and vPvB assessment: A chemical safety assessment has not been carried out.

PBT: ND

vPvB: ND

Emergency overview:

Appearance: Slightly red, pinkish paste

Immediate effects: Irritation.

Potential health effects

Primary Routes of entry: Ingestion and skin contact.

Signs and Symptoms of Overexposure: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Eyes: May cause irritation and conjunctivitis. Dry dust may cause irritation.

Skin: Repeated or prolonged exposure may cause defatting of skin leading to irritation and dermatitis.

Ingestion: May cause irritation.

Inhalation: Repeated and prolonged exposure to high concentrations of vapor may result in central nervous system damage. When vapor pressure is low there are no adverse effects. Dry dust may form respirable particulates if disturbed.

Chronic Exposure: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Chemical Listed As Carcinogen or Potential Carcinogen: Yes: White Spirit 150/200N (64742-82-1)

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen

White Spirit 150/200N (64742-82-1) EINECS: 265-185-4 Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304	20	NE	TWA: 100 ppm	No	1B	No
Ammonia, anhydrous (7664-41-7) EINECS: 231-635-3 Flam. Liq. 3, H226; Press. Gas, H280; Acute Tox. 3, H331; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Flam. Gas 2, H221	5	NE	NE	No	No	No
Kerosene (petroleum) (8008-20-6) EINECS: 232-366-4 Asp. Tox. 1, H304	20		TWA: 200 mg/m3 Skin: 100 mg/m3	No	No	No
Coco fatty acid diethanolamide (68603-42-9) Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	15	NE	NE	No	No	No
Aluminum oxide (1344-28-1) EINECS: 215-691-6	35	NE	NE	No	No	No

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Flush eyes immediately with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact: Wash with water until soapiness is removed.

Inhalation: Remove to fresh air and rest until symptoms resolve. If irritation persists, seek medical advice.

Ingestion: Do not induce vomiting Give water to drink to wash the alkaline product into stomach. Milk may be used to reduce the irritant effects of kerosene. Seek medical advice.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: >50° C

Flammable Limits: Lower: ND, Upper: ND

Auto-ignition point: ND

Fire Extinguishing Media: Dry foam, dry chemical or water spray, carbon dioxide and sand or earth.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus that is NIOSH approved. Use flooding quantities of water until well after fire is out.

Unusual Fire and Explosion Hazards: Organic dust particles in the atmosphere are combustible and may be explosive. Keep away from ignition sources.

Hazardous combustion products: Carbon monoxide, oxides of nitrogen, oxides of sulfur, and unburned hydrocarbons.

DOT Class: Flammable

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Wear protective gloves and glasses.

Environmental Precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Spillage of up to 5 liters may be mopped up with a cloth. Large Spills: If possible ventilate the area. The spillage should be placed into a suitable container for subsequent disposal.

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: Use in well ventilated areas, wear suitable gloves if prolonged exposure is anticipated. Store in a cool, dry, frost free place, and out of reach of children and closed in original packs. Avoid contact with hot surfaces, organic vapors will be given off, and in an improperly ventilated area an explosion hazard could be created. Keep container tightly sealed.

Storage temperature: Room temperature.

Storage Pressure: ND

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Ventilation required: Local mechanical exhaust.

Personal Protection Equipment

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure, use self-contained respiratory protective device.

Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Skin protection: Appropriate protective clothing.

Eye protection: Tightly sealed goggles

Additional clothing and/or equipment:

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Slightly red, pinkish paste.

Odor (threshold): Ammonia-like

Specific Gravity (H₂O=1): 1.150 g/ml

Vapor Pressure (mm Hg): 2 hPa

Vapor Density (air=1): 1.17 g/cm³

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1):

Boiling Point: 221° C

Freezing point / melting point: ND

pH: 11.5

Solubility in Water: Fully miscible

Molecular Weight: NA

Section 10: Stability and Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Temperatures in excess of 50° C.

Materials to Avoid (Incompatibility): Strong oxidizing agents.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed:

Oral LD50 350 mg/kg (rat)

Inhalative LC50/4 h 2000 mg/l (rat)

Primary irritant effect:

On the skin: Caustic effect on skin and mucous membranes.

On the eye: Strong caustic effect.

Sensitization: No sensitizing effects known.

Human experience:

This product **does** contain compounds listed by NTP or IARC or regulated by OSHA as a carcinogen: White Spirit 150/200N (64742-82-1) Muta. 1B, Carc. 1B

Section 12: Ecological Information

Ecological Information: This product contains 10-20 % of white spirit which is highly volatile and will rapidly evaporate to the air if released into the environment. Based upon data for similar materials, white spirit is classified as R51/53, toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment. Although data show that white spirit is not expected to persist in the aquatic environment, European Classification rules require that it be classified as potential hazard causing long-term adverse effects in the aquatic environment.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system. Harmful to aquatic organisms.

Chemical Fate Information: White spirit is expected to biodegrade rapidly and be “readily” biodegradable according to OECD guidelines. It can degrade rapidly in air and is expected to be removed in a waste water treatment facility.

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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: Not regulated.

IATA: Proper shipping name: Not regulated

IMO: Proper shipping name: Not regulated

Marine Pollutant: No

Canadian TDG: Not regulated.

Section 15: Regulatory Information

United States Federal Regulations

MSDS complies with OSHA’s Hazard Communication Rule 29, CFR 1910.1200.

SARA: Substance is not listed.

SARA Title III: Substance is not listed.

RCRA: Not listed.

TSCA: All components are listed on the TSCA public inventory.

CERCLA: Substance is not listed.

State Regulations

California Proposition 65: Substance is not listed.

International Regulations

Canada WHMIS: Controlled, Class B - Division 3 - Combustible Liquid, Class D - Division 2B

Europe EINECS Numbers:

White Spirit 150/200N (64742-82-1) EINECS: 265-185-4

Ammonia, anhydrous (7664-41-7) EINECS: 231-635-3

Kerosene (petroleum) (8008-20-6) EINECS: 232-366-4

Aluminum oxide (1344-28-1) EINECS: 215-691-6

Section 16: Other Information

Label Information:

European Risk and Safety Phrases: R20 - Harmful by inhalation. R34 - Causes burns. R65 - Harmful: may cause lung damage if swallowed. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S60 - This material and its container must be disposed of as hazardous waste.

European symbols needed:

Canadian WHMIS Symbols: B-3 D2B, F

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.