

SPI Supplies Division

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Manufacturer's CAGE: 1P573

Safety Data Sheet

Date Effective: April 21, 2015

SPI #01026-AB, 01026-SS Wenol® Metal Polish

Section 1: Identification

Chemical Name/Synonyms.....Not known

Chemical family.....Mixture

Emergencies

Contacting CHEMTREC:

24 Hour Emergency Use Only #'s...

Worldwide phone: 1-(703)-527-3887

Worldwide FAX: 1-(703)-741-6090

Toll-free phone: 1-(800)-424-9300 USA only

Product or Trade Name.....SPI #01026-AB, 01026-SS Wenol® Metal Polish

CAS #'s.....64742-82-1, 64742-47-8, 8008-20-6, 68603-42-9, 1344-28-1, 7664-41-7

Chemical Formula.....Not known

Conditions of Use: To be used as a metal polish in laboratory settings.

Hazardous Material Information System USA (Not Available)

Health.....Not available

Fire Hazard.....Not available

Physical Hazard.....Not available

Personal Protection.....

NFPA Rating (Not available)

Health.....Not available

Flammability.....Not available

Reactivity.....Not available

Personal Protection.....

GHS Classification

None

Hazard Symbol(s)



Signal Word: Warning

Hazard Statement(s)

H316: Causes mild skin irritation

H320: Causes eye irritation

H335: May cause respiratory irritation

Precautionary Statement(s)

None

Section 2: Composition

Components	CAS#	OSHA	OSHA PEL	ACGIH TLV	Carcinogenic STEL	Percent
White Spirits	64742-82-1 64742-47-8	Not listed	Not listed	Not listed	Not listed	10-20
Kerosene 200-230	8008-20-6	Not listed	Not listed	Not listed	Not listed	10-20
Coco fatty acid diethanol amide	68603-42-9	Not listed	Not listed	Not listed	Not listed	5-15
Aluminum oxide	1344-28-1	Not listed	Not listed	Not listed	Not listed	25-35
Ammonia Solution (25%)	7664-41-7	Not listed	Not listed	Not listed	Not listed	1-5
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	~35

Section 3: Hazard Identification

Emergency overview: This material is not hazardous by OSHA Hazard Communication Definition. This material possesses no known hazards to health

Physical state: Paste

Color: Light pink

Odor: Faint, mild ammonia odor

Odor threshold: No data available

Potential health effects

Routes of exposure: Eye and skin contact, ingestion

Signs and symptoms of acute exposure: This material if used properly, should not pose any kind of real hazard. If the material is used improperly for example, if applied to a hot surface, organic vapors will be given off, explosion hazard could be created.

Eyes: Mechanical irritation is possible; can be irritant

Skin: Could be an irritant

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.

Ingestion: Unlikely but if it does occur, material could be expected to be an irritant. Drink water after rinsing out mouth first. Try to prevent vomiting.

Chronic health effects: No known chronic health effects.

Conditions aggravated by exposure: No known conditions are aggravated by this material

Work/Hygienic practices: Do not eat, drink, or smoke during work

Carcinogenicity:

NTP	Not applicable
IARC Monographs	Not applicable
OSHA Regulated	Not applicable

Section 4: First Aid Measures

Take proper precautions to ensure your own health and safety before attempting to rescue and providing first aid. For specific information refer to the Emergency Overview in Section 3 of this MSDS.

Eye contact: Wash eyes with clean low-pressure water. Continue to rinse for 15 minutes. If irritation persists, seek medical advice.

Skin: Wash skin with soap and water until soapiness is removed. If irritation persists, seek medical advice

Inhalation: If symptoms are experienced, move victim to fresh air, if symptoms persist, obtain medical attention.

Ingestion: If product is swallowed, first rinse out mouth several times to remove material from mouth and to keep more from being swallowed. Give water to drink to wash alkaline product into stomach. Milk may be used to reduce the irritant effects of kerosene. Do not induce vomiting.

Section 5: Fire Fighting Measures

NFPA rating: Not known

Flammability classification: Not classified

Flash point: > 51.5° C

Auto Ignition temperature: Not known

Upper and lower flammable limits: Not applicable

Hazardous combustion products

Specific dangers: Combustion products may include carbon monoxide, oxides of nitrogen, oxides of sulfur, and unburned hydrocarbons

Special conditions to avoid: Organic dust particles in the atmosphere are combustible and may be explosive. Keep away from heat, sparks, flame and all other ignition sources. Keep container closed. Clean up dust accumulations. Prevent dust accumulations and dust clouds. If used according to instructions, this kind of situation should never develop.

Extinguishing media: Any suitable medium for extinguishing the supporting fire. Use water to keep fire-exposed containers cool. For fire specifically involving this product, use dry foam, dry chemical or water spray, CO₂, sand, or earth to extinguish the fire.

Fire fighting instructions

Protective equipment/clothing: Wear a NIOSH approved positive pressure self-contained breathing apparatus and firefighter turnout gear. This should be selected on the basis of the supporting fire.

Instructions: Use flooding quantities of water until well after fire is out.

Section 6: Accidental Release Measures

See sections 8 and 13

Release response: Pick up with dry cloth and retain for recycle or disposal for spills involving up to 5 liters. Do not flush spilled material to the sewer or the environment. Formation of flammable vapor/air mixtures possible.

Reportable quantities: See Section 15: Regulatory information. For larger spills: If possible, ventilate the area. The spilled material should be scooped into a suitable container for subsequent disposal. Consult local waste authority, Environmental Protection Agency, local council or an expert on advice for disposal.

Section 7: Handling and Storage

Handling: Use in well ventilated areas. Wear suitable gloves if prolonged exposure is contemplated.

Storage: Store away from excessive heat and away from strong oxidizing agents. Keep containers tightly closed to prevent evaporation of liquid components. Store in a cool, dry, frost-free place and well out of the reach of children.

Section 8: Exposure Controls and Personal Protection

Occupational exposure limits: The product contains white spirit which has an Occupational Exposure Limit of: OELsp 600mg/m³ (8 hour Time Weighted Average) (Source: UK Document EH40 Occupational Exposure Limits UK)

Engineering controls: Avoid contact with skin and eyes

Personal protection

Eyes: Chemical resistant goggles if eye contact can accidentally occur.

Skin: Wear an apron or coveralls if exposure is likely to be prolonged

Respiratory: None necessary under normal working conditions

Hands: PVC or rubber gloves with prolonged use.

The product does not present a significant hazard in normal use. Data above refers to prolonged contact with large quantities of product.

Section 9: Physical and Chemical Properties

Physical state: Paste

Color: Pink (slightly red)

Odor: Slight ammonia

Odor threshold: Not available

pH: 9.5-11.5

Melting point/Freezing point: Not known

Flash point: > 51.5°C

Vapor pressure: Not applicable

Viscosity: 60,000 - 90,000 cps (20°C). More than 7×10^{-6} m²/second(40°C).

Specific gravity: Solid/Liquid 1.150 g/ml (water=1)

Water solubility: Dispersible and miscible

Octanol/water partition coefficient in Kow: Specific value not known

Melting/freezing point: Not known

Evaporation rate: Not known

Section 10: Stability and Reactivity

Chemical stability: The product is stable

Conditions to avoid: Excessive heat; strong oxidizing agents

Incompatibility with: Strong oxidizing agents

Hazardous products of deposition: Not known. See Section 5 for combustion products.

Reaction with air and water: Does not react with air, water or other common materials.

Section 11: Toxicological Information

This product contains white spirit and kerosene for which the following apply:

Inhalation: Vapor concentrations above recommended exposure limits are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.

Skin: Low order of toxicity, frequent or prolonged contact may cause dermatitis.

Eye: Irritating but does not injure eye tissue

Ingestion: Minimal toxicity. The viscosity of this preparation mitigates the risk of aspiration into the respiratory system during ingestion or vomiting,

Chronic effects/carcinogenicity: None expected

Reproductive/development effects: None expected

Section 12: 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

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.

Although data exists to show that white spirit is not expected to persist in the aquatic environment, European Classification rules require that it be classified as potentially causing long-term adverse effects in the aquatic environment.

Section 13: Disposal Considerations

Consumer instructions: Empty tubes and small quantities (up to 500g) may be disposed of with normal household waste

Bulk Quantities: Dispose of in accordance with local, regional or national requirements. (Unsold stock) For further information contact your local waste authority.

Section 14: Transport Information

This product is not classified as dangerous

DOT hazard class: Not regulated

UN/NA ID: Not regulated

Packing group: Not regulated

Labels: Not regulated

Marine pollutant: No

NAER Guidebook: Not regulated

DOT status: Not regulated

This preparation not classified as dangerous under the Chemical (Hazard Information and Packaging Regulations) 1994 No 3247 or Council Directive 88/379/EEC of 7 June 1988 relating the Classification Packaging and labeling of Dangerous preparations.

Section 15: Regulatory Information

TSCA: All components of this product are listed on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12 (b) Export Notification Rule, they will be listed below.

TSCA 12(b) Component	Listed under TSCA Section
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SARA 313 Emissions reporting: None Listed

SARA-Section 311/312: No components present in this product are subject to the reporting requirements of this statute.

CERCLA hazardous substances and their reportable quantities: None

California prop. 65: Proposition 65 requires manufacturers or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient listed by the State of California to cause cancer or reproductive toxicity, it will be listed below:

European Commission

Hazard Symbols

[N] dangerous for the environment

[Xi] irritant

Risk phrases

R36/37/38 irritating to skin.

R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety phrases

S2: Keep out of the reach of children.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water.

S46: If swallowed, seek medical advice immediately and show this container or label.

Section 16: Other Information

Disclaimer of Liability:

Caution! Do not use SPI Supplies products or materials in applications involving implantation within the body; direct or indirect contact with the blood pathway; contact with bone, tissue, tissue fluid, or blood; or prolonged contact with mucous membranes. Products offered by SPI Supplies are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. SPI Supplies will not provide to customers making devices for such applications any notice, certification, or information necessary for such medical device use required by US FDA (Food and Drug Administration) regulation or any other statute. SPI Supplies and Structure Probe, Inc. make no representation, promise, express warranty or implied warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues of fluids.

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