

SPI Supplies Division

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Manufacturer's CAGE: 1P573

Safety Data Sheet

Date Effective: March 14, 2013

SPI #04988-AB, 04988-FA PIKAL® Paste Metal Polish

SPI #04975-AB, 04975A-AB PIKAL® Care Metal Polish

Section 1: Identification

Chemical Name/Synonyms..... **PIKAL® Paste Metal Polish; PIKAL® Care Metal Polish**

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..... PIKAL® Paste Metal Polish; PIKAL® Care Metal Polish

CAS #'s..... 1344-28-1; 7631-86-9; 64742-56-9; 80020-6; 112-50-1; 8002-74-2

Chemical Formula..... Mixture

OSHA

This material is not hazardous by OSHA Hazard Communication Definition.

GHS

Warning

Flammable Liquid (Category 4)

Precautionary Statements

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P262: Do not get in eyes, on skin, or on clothing

Hazard Statements

H227: Combustible liquid

Hazardous Material Information System USA

Health..... 0

Fire Hazard..... 2

Reactivity..... 0

Personal Protection.....

NFPA Rating (estimated)

Health..... 0

Flammability..... 2

Reactivity..... 0

Section 2: Composition

Abrasives	40%		
CAS# 1344-28-1	Aluminum Oxide	EC# 215-691-6	
CAS# 7631-86-9	Silicon Dioxide	EC# 231-545-4	
Mineral Oil	36%		
CAS# 64742-56-9	Petroleum Distillates	EC# 265-159-2	
CAS# 8008-20-6	Kerosene	EC# 232-366-4	
Fatty Acid	12%		
CAS# 112-80-1	Oleic Acid	EC# 204-107-1	
Wax	12%		
CAS# 8002-74-2	Paraffin & Hydrocarbon Waxes	EC# 232-315-6	

Section 3: Hazard Identification

Emergency overview:

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

Signal Word: CAUTION!

Physical Health Hazards:

When wet paste dries out, dry dust might form which may form respirable particulates if disturbed. If this material gets into the eyes, either wet or dry, it could be irritating. Never allow material to remain on a surface to dry out; that way the potential hazard is eliminated. Wipers used for the polishing should always be disposed of in an approved container. When wipers containing the dried paste are disturbed, respirable particulates could be formed.

Physical state: Paste

Color: Khaki

Odor: Faint

Odor threshold: No data available

Potential Health Effects:

Routes of exposure: Eye contact, ingestion, skin contact

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, and if this was done in an improperly ventilated area, an explosion hazard could be created.

Skin contact: Could be an irritant.

Inhalation: Material is an irritant at high levels of exposure; can cause headache and nausea. Consult physician.

Eye contact: Mechanical irritation is possible; can be irritant.

Ingestion: Ingestion is 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 Summary: 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 of this MSDS.

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

Eye Contact: Wash eyes with clean low-pressure water.
Continue to rinse for 15 minutes.
If irritation persists, seek medical advice. Do not rub the eyes as this product does contain abrasive powder and damage to the eye will result.

Skin Contact:
Wash skin with soap and water until soapiness is removed.
If irritation persists, seek medical advice. Do not rub the skin that contains this product since the product contains abrasive particles which could end up causing skin damage.

Ingestion:
If product is swallowed, first rinse out mouth several times to remove material from mouth and to keep more from being swallowed. Water may be taken to dilute the product already in the stomach. Seek medical advice and consult a physician promptly.

Section 5: Fire Fighting Measures

Section 5: Fire Fighting Measures

NFPA Rating: Not known
Flammability classification:
Flammable

Flash Point/Method: 62°C (143.6°F) Pensky Martens
Auto-Ignition Temperature: Not known
Flammable Limits: Lower: Not applicable
Upper: 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:

Dried dust particles of this product suspended in the atmosphere can be respirable and in addition, they can also be 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.

Personal precautions: Avoid contact with eyes and skin.

Cleaning procedures: Wipe thoroughly with wiping cloths, for example [lint-free cotton wipers](#).

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 / protective clothing to avoid skin contact.

Storage: Store away from excessive heat and away from strong oxidizing agents. Keep container tightly closed to prevent evaporation of liquid components. Store in a cool, dry, frost-free place and well out of the reach of children. The recommended temperature range for storage is between 0°C and 40°C.

Section 8: Exposure Controls and Personal Protection

Occupational Exposure Limits:

Not known.

Engineering Controls: Avoid contact with skin and eyes.

Respiratory Protection: None necessary under normal working conditions but product should be used only in a well ventilated area.

Hand Protection: [PVC or rubber gloves](#) with prolonged use.

Eye Protection: Chemical resistant goggles if eye contact can accidentally occur.

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

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

External appearance: Khaki colored paste

Boiling Point/Range: 150°C (302°F)

pH: Not known

Vapor Pressure: Not known

Viscosity: Not known

Specific Gravity:

Solid/Liquid 1.1 g/ml (water = 1)

Octanol/Water Partition Coefficient in Kow: Specific value not known

Melting/Freezing Point: 53°C (127.4°F)

Evaporation Rate: Not known

Odor: Slight

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.

Reactions with Air and Water:

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

Section 11: Toxicological Information

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

Eye contact: Irritating but does not injure eye tissue unless rubbed.

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:

No reproductive or developmental effects are expected.

Acute Toxicity

CAS# 1344-28-1 No data available

CAS# 7631-86-9 No data available

CAS# 64742-56-9 No data available

CAS# 8002-74-2 No data available

CAS# 8008-20-6

ACGIH: 200 mg/m³ TLV

NIOSH: 100 mg/m³ TWA

CAS# 112-80-1

LD50 Oral, Rat 74,000 mg/kg

LD50 Intravenous, Rat 2.4 mg/kg

Carcinogenicity

IARC: CAS# 7631-86-9 is listed as 3-Group 3:Not classifiable as to its carcinogenicity to humans.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

RTECS: CAS# 112-80-1: RG2275000

Section 12: Ecological Information

Not known, however, because of the high viscosity of this paste material, it would be highly unlikely that any would ever leak out into the environment.

Section 13: Disposal Considerations

Consumer Instructions: Empty tubes may be disposed of with normal household waste.

Bulk Quantities: Dispose of in accordance with local, regional or national requirements.

Section 14: Transport Information

This product is not classified as dangerous.

DOT Hazard Class: Non-Regulated
UN/NA ID: Not Regulated
Packing Group: Not Applicable
Labels: Not Regulated
Marine Pollutant: No
NAER Guidebook: Not Regulated

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

SARA-Section 313 Emissions Reporting:

Component Reporting Threshold

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:

Component Reportable Quantity

State Right-to-Know: CAS# 112-80-1 is listed on the New Jersey and Pennsylvania Right-to-Know lists.

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:

Canada: CAS#'s 1344-28-1, 7631-86-9, 64742-56-9, 8008-20-6, 112-80-1, and 8002-74-2 are listed on the DSL list.

WHMIS: Not Listed

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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