

# SPI Supplies Division

Structure Probe, Inc.

P.O. Box 656 West Chester, PA 19381-0656 USA

Phone: 1-(610)-436-5400 Fax: 1-(610)-436-5755

[spi3spi@2spi.com](mailto:spi3spi@2spi.com)

<http://www.2spi.com>

Manufacturer's CAGE: 1P573

# Safety Data Sheet

Date Effective: March 6, 2013

SPI# 04973-AB, 04974-AB

PIKAL® Liquid Metal Polish

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## Section 1: Identification

Chemical Name/Synonyms..... PIKAL® Liquid 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® Liquid Metal Polish

CAS #'s..... 1344-28-1, 8008-20-6, 68308-53-2, 1336-21-6, 7732-18-55

Chemical Formula..... mixture

### OSHA

This material is not hazardous by OSHA Hazard Communication Definition.

### GHS

Warning

Flammable Liquid (Category 4)

### Precautionary Statements:

P102: Keep out of reach of children

### Hazard Statements:

H226: Flammable liquid and vapour

Hazardous Material Information System USA

Health..... 0

Fire Hazard..... 2

Reactivity..... 0

Personal Protection.....

NFPA Rating (estimated)

Health..... 0

Flammability..... 2

Reactivity..... 0

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## Section 2: Composition

Chemical	CAS#	EC#	Percentage
Aluminum oxide	1344-28-1	215-691-6	25-35
Kerosene	8008-20-6	232-366-4	20-40
Fatty acid, soya	68308-53-2	269-657-0	5-15
Ammonia, aqueous solution	1336-21-6	215-647-6	1-5
Water	7732-18-5	231-791-2	30-40

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## 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:

Dry dust may form respirable particulates if disturbed.  
If this material gets into the eyes, 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.

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## 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.

### Skin Contact:

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

### 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.

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## Section 5: Fire Fighting Measures

Flammable

Flash Point/Method: Higher than 80°C

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:**

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, CO<sub>2</sub>, 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.

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## Section 6: Accidental Release Measures

Personal precautions: Avoid contact with eyes and skin.

Environmental precautions: 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.

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## Section 7: Handling and Storage

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## Section 8: Exposure Controls and Personal Protection

**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 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.

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## Section 9: Physical and Chemical Properties

External appearance: Milky white liquid with slight smell of ammonia.

Liquid Property: Alkalescence

Flash Point: 80° C.

Relative Density: 1.1 (at 20° C, water = 1)

Solubility in Water: Appreciable.

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## Section 10: Stability and Reactivity

Stable under normal conditions of use.

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## Section 11: Toxicological Information

No data available.

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## Section 12: Ecological Information

No information available.

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## Section 13: Disposal Considerations

Dispose of in accordance with local, regional and national requirements.

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## 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

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## 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-Section 313 Emissions Reporting:

Component	Reporting Threshold
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### 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
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### 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

All components of this product are listed on the DSL List.

WHMIS: This product has a WHMIS classification of: Not Listed.

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## 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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