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# Material Safety Data Sheet

SPI #01027-AB, 01027A-AB **POL<sup>®</sup> Metal Polish**

## Section 01 Identification



Date Effective..... January 8, 2009  
(most recent revision)

Chemical Name/Synonyms... Not known

Chemical family..... Mixture

### Emergencies

Use Only #'s..... Contacting CHEMTREC 24 Hour Emergency  
Worldwide phone : 1-(703)-527-3887  
Worldwide FAX : 1-(703)-741-6090  
Toll-free phone : 1-(800)-424-9300

Product or Trade Name.... SPI #01027-AB, 01027A-AB POL<sup>®</sup> Metal Polish

CAS #..... Not known

Chemical Formula..... Not known

## Section 2 Composition

Component Name	CAS #	OSHA	OSHA PEL	ACGIH STEL	ACGIH TLV	Carcinogenic	%
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### Listing

White Spirits							
	64742-82-1	N/L	N/L	N/L	N/L	N/L	10-20
	64742-47-8						
Kerosene (Petroleum)							

	200-230						
	8008-20-6	N/L	N/L	N/L	N/L	N/L	10-20
Coco fatty acid diethanol amide							
	68603-42-9	N/L	N/L	N/L	N/L	N/L	5-15
Aluminum oxide							
	1344-28-1	N/L	N/L	N/L	N/L	N/L	25-35
Ammonia Solution(25%)							
	7664-41-7	N/L	N/L	N/L	N/L	N/L	1-5
Water							Approx. 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.

#### 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.

**Physical state:** Paste

**Color:** Light pink

**Odor:** Faint, mild ammonia odor

**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

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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**

NFPA Rating: Not known

Flammability classification:  
Not classified.

Flash Point/Method: Higher than 51.5°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**

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.

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## 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 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 8: Exposure Controls and Personal Protection

**Occupational Exposure Limits:**

The product contains white spirit which has an Occupational Exposure Limit of: OEL 600mg/m<sup>3</sup> (8 hour Time Weighted Average)  
(Source: UK Document EH40 Occupational Exposure Limits UK)

**Engineering Controls:**

Avoid contact with skin and eyes.

**Respiratory Protection:**

None necessary under normal working conditions.

**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.

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## Section 9: Physical and Chemical Properties

**Boiling Point/Range:** Not applicable

**pH:** 9.5 - 11.5

**Vapor Pressure:** Not applicable

**Viscosity:** 60,000 - 90,000 cps (20°C).  
More than 7x10<sup>-6</sup> m<sup>2</sup>/second(40°C).

**Specific Gravity:**

Solid/Liquid 1.150 g/ml (water = 1)

**Water solubility:** Dispersable and miscible

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

**Melting/Freezing Point:** Not known

**Evaporation Rate:** Not known

**Odor:** Slight "ammonia" like

**Appearance and Physical State:** Pink( slightly red) paste

**Filled Product Density:** 1.14 - 1.17

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## **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.

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## **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 contact:**

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

### **Eye contact:**

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:**

No reproductive or developmental effects are expected.

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## 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.

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## 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.

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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  
**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.

The following safety phrases are appropriate:

Keep out of reach of children.  
Avoid contact with skin and eyes.  
If swallowed seek medical advice immediately and show this container or label.

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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:

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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 or fluids.

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