

## Material Safety Data Sheet

### Section 1 – Product Identification

Manufacturer's Code Identification: ELD00562S  
 Product Class (Use): Protective Coating  
 Trade Name: Seal It Pen  
 HMIS Information: Health: 1, Flammability: 2, Flammability: 2, Reactivity: 0, Personal Protective Equipment: 1  
 Hazard Index: 4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Least

### Section 2: Hazardous ingredients

Section 313 Supplier Notifications:

Those ingredients (if any) which have an asterisk (\*) preceding the CAS# are subject to the reporting requirements of section 313 of the Emergency and Planning Community Right-To-Know Act of 1986 and of 40 CFR 372.

Ingredient(s) # material description	Cas #	% by weight	ACGIH-PPM TLV (TWA)	OSHA-PPM
02 Mineral Spirits	64741-41-9	<50	<b>100</b>	500
03 PCME Acetate	108-65-6	<25	<b>No Est</b>	No Est

### Section 3: Physical Data

Boiling Point: High – 207 °C Low – 140 °C  
 Vapour Pressure: See section 2  
 Vapour Density: Heavier than air  
 Evaporation rate: Slower than Butyl Acetate  
 Weight per gallon: 7.7  
 VOC: 4.470 lb/GL less water  
 % Volatile by Volume: 66.98%  
 Volatile by weight: 61.82

Notes 1: The VOC content is determined using a percent solids basis, less water and except solvents, for adhesives, coatings and inks and the calculations of EFA Reference Method 24 or equivalent ASTM method approved by the executive office. 2. If this product contains Acetone as a VOC, the following applies: The federal EPA has delisted Acetone as a VOC. Therefore although this product contains, the VOC listed above does not include Acetone in the VOC calculation. Individual states may have other regulations. Check with your state.

Physical State:	Liquid	Appearance:	Clear Liquid
Odour:	Moderate Aromatic	Odour Threshold:	Not available
pH:	n/a	Freezing Point:	Not estimated
Water Solubility:	Insoluble	Coefficient of water/oil Distribution:	Not available

#### Section 4: Fire and Explosion Hazard Data

Flammability Classification:	Class 2
DOT:	Combustible Liquid
Lowest Flash Point:	38 °C
Explosion Level:	Lower – 0.7, Upper – 10.2
Auto Ignition Temperature:	Not determined
Extinguishing Media:	Use Carbon Dioxide, dry chemicals or foam
Special Fire Fighting Procedures:	Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self contained breathing apparatus. Fight fire from a safe distance or a protected location.
Heat Protection Procedures:	Containers exposed to intense heat from fires should be cooled with water to prevent vapour pressure build up which could result in container rupture.
Unusual Fire and Explosion Hazard:	This liquid and vapours are a dangerous fire hazard and moderate explosion hazard when exposed to heat, flame or any source of ignition. Vapours may be heavier than air and may travel along the ground to distant ignition source and flash back. Keep welding or cutting equipment away from the product.

#### Section 5: Health Hazard Data

Effects of excessive over exposure:

Based on section 2 ingredients # (02) aspiration can be a hazard if this material is swallowed.

Based on Section 2 ingredients # (02) prolonged overexposure or ingestion may cause central nervous system depression / disorder.

Based on Section 2 ingredients # (02) prolonged over exposure may cause headache, nausea, vomiting, dizziness or loss of consciousness.

This product may cause nose, throat and upper respiratory tract irritation. Spray mist/vapours of spray may cause irritation to the eyes, nose, throat, upper respiratory tract, mucous membrane and skin.

Based on Section 2 ingredients # (02, 03) this product is irritating to the mucous membranes.

Based on Section 2 ingredients # (03) this product may be moderately irritating to the eyes. Exposure can cause corneal injury.

Based on Section 2 ingredients # (02) this product may cause irritation, drying, cracking or dermatitis on prolonged exposure to skin.

First Aid:

Eye Contact: Flush with luke warm water for 15 minutes. Seek physician immediately.

Skin Contact: Flush wash with copious amounts of luke warm water. Remove contaminated clothing promptly. Contact a physician immediately.

Ingestion: Rinse mouth immediately. Give exposed individual 6 to 8 ounces of liquid. (Never give anything by mouth to an unconscious person.) Do not induce vomiting unless advised by a physician. Contact a physician immediately.

Notice: Reports have been associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

#### Section 6: Reactivity Data

Stability:	This product is stable
Hazardous Polymerisation:	Will not occur
Thermal Decomposition:	In the presence of air may form oxide of carbon and various hydro-carbons.
Incompatibility (Materials to avoid):	Based on Section 2 Ingredients #02 this product is incompatible with strong oxidisers, acids, bases and alkalies.
Conditions to avoid:	Avoid exposure to sparks, open flame, hot surfaces and all sources of heat and ignition.

### **Section 7: Disposal Method**

Dispose of product in accordance with applicable local, county, state and federal regulations.

Steps to be taken in case material is released or spilled:

Stay up wind and away from spill unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for cleanup. Cover with inert material to reduce fumes. Keep out of drains, sewers, or waterways. Contact fire authorities. Notify local health and pollution control agencies. Call spill response teams if large spill. Do not flush to sewer, watershed or waterway.

### **Section 8: Safe Handling and Use Information**

Do not breathe spray mist/vapours (if present) of and spray paint. Wear an appropriate, properly fitted respirator (NOISH/ MSHA approved) during and after application unless air monitoring demonstrates vapour/mist levels are below applicable limits if any appear in Section 2. Follow respirator manufacturer's directions for respirator use.

**Protective Gloves:** Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.

**Respiratory Protection:** Use dust mask or respirator if the concentration is high.

**Ventilation:** Use ventilation as required to control vapour/dust/mist concentration. Avoid prolonged or repeated breathing of vapours.

**Hygiene Practices:** Wash hands thoroughly before eating and using washroom. Remove contaminated clothing immediately and do not re-use until it has been properly laundered.

**Protective Eyewear:** Use safety eyewear with perforated sideshields or goggles if there is a likelihood of contact with eyes. Eyewash solutions and safety showers should be readily available in use and handling area.

### **Section 9: Special Precautions**

**Handling and Storing Precautions:** Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Do not smoke in storage areas. Keep containers tightly closed when not in use. Isolate from heat, electrical equipment, sparks and open flame. Sprinkler fire protection is desirable in areas of storage, handling and use.

Personal should avoid inhalation of vapours or mist. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapours, liquid and/or solid), all hazard precautions given in this sheet must be observed. Do not flame cut or weld empty drums.

All the components in this product are listed in the toxic substance control act (TSCA) index.

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