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**Manufacturer's CAGE:** 1P573

# Material Safety Data Sheet

## SPI #05056-AB Leit-C CCC Carbon Cement Thinner

### Section 1: Identification

Date Effective..... June 7, 2010  
 (most recent revision)

Chemical Name/Synonyms... Mixture

Chemical family..... Organic solvent 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 #05056-AB Leit-C CCC Carbon Cement Thinner

CAS #..... See below

Chemical Formula..... Not applicable



### Section 2 Composition

Hazardous ingredients	CAS #	Concentration	EINECS #
xylene	1330-20-7	2.5-5%	215-535-7
methoxypropylacetate	108-65-6	20-35	203-603-9

acetone	67-64-1	10-25	200-662-2
butylacetate	123-86-4	30-65	204-658-1

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### Section 3: Hazard Identification

#### Emergency overview:

Highly flammable. Harmful by inhalation and in contact with skin.  
Irritating to eyes and skin.

#### Physical Health Hazards:

Inhalation of an aerosol of this material can be very harmful; any such use should definitely be done in a chemical fume hood.

**Physical state:** Liquid

**Color:** Water clear

**Odor:** Pungent "organic type" odor

**Odor threshold:** No data available

#### Potential Health Effects:

##### Routes of exposure

Eye contact, ingestion, skin contact, inhalation

##### Signs and Symptoms of Acute Exposure:

Coughing and irritation of the respiratory system.

##### Skin contact:

Excessive contact will cause irritation

##### Inhalation:

Coughing

##### Eye contact:

Irritation

##### Ingestion:

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### Chronic Health Effects Summary:

Not known

**Conditions Aggravated by Exposure:**

No known conditions are aggravated by this material.

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**Section 4: First Aid Measures****Ingestion:**

If swallowed, do not induce vomiting

**Skin contact:**

If excessive skin contact with this product occurs, flush immediately with plenty of water, followed by washing with soap and water. If clothing is contaminated with the product, remove clothing, and wash thoroughly to remove all signs of the black product before wearing. If the product residues persist, disposed of such contaminated clothing.

**Eye contact:**

If this product is splashed into the eyes, flush eyes immediately with plenty of water for at least 15 minutes.

**Inhalation:**

If excessive amounts of vapors or mists from this product are inhaled, remove to fresh air. Apply artificial respiration and other supportive measures as required. Consult a poison center, emergency room or long specialist for additional information and guidance.

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**Section 5: Fire Fighting Measures****Flammability classification:**

Highly flammable

**Flash Point:** Not available

**Auto-Ignition Temperature:** < 400° C (752° F)

**Flammable Limits:** Lower: 1 Vol %  
Upper: 13 Vol %

**Hazardous Combustion Products:**

Carbon monoxide and carbon dioxide

**Special Conditions to Avoid:**

Do not inhale aerosol of this product.

**Extinguishing Media:**

In general, use the extinguishing media suitable for the surrounding fire since realistically, this product is present only in small quantities. If there fire is strictly involving this product, then use dry chemicals, CO<sub>2</sub>, water spray.

**Fire Fighting Instructions:**

Extinguishing media: Use extinguishing media suitable for the surrounding fire.

Fire and explosion hazard: May evolve toxic fumes in fire or when heated.

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## Section 6: Accidental Release Measures

**Release response:**

Shut off all sources of ignition.

Note that surfaces containing this spilled material will be slippery and therefore constitute a slip hazard.

Absorb with inert material (e.g. sand, diatomaceous earth, acid absorbent, sawdust).

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## Section 7: Handling and Storage

**Handling:**

Use only in a chemical fume hood. Keep away from all sources of ignition. Do not smoke when handling this material.

**Inhalation:** Use only in a chemical fume hood.**Storage:**

Requirements for storage areas and containers: Store in closed containers away from all sources of ignition.

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## Section 8: Exposure Controls and Personal Protection

**Engineering Controls:**

Use only in a chemical fume hood. Do not exceed the threshold limits.

**Personal Protection:**

**Skin:** Protective clothing such as long sleeves or a lab coat should be worn, especially when working with larger quantities than a small 30 ml bottle.

**Eye:** Always use safety glasses, even for work with small quantities, such as the making of positive replicas.

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## Section 9: Physical and Chemical Properties

**Boiling Point/Range:** Not applicable

**pH:** Not applicable

**Vapor Pressure:** Not known

**Viscosity:** Not known

**Density: (20°C)** 0.8-0.9 g/ml

**Relative Vapor Density (20°C):** 250 mbar

**Water solubility:** Soluble

**Melting/Freezing Point:** Not known

**Evaporation Rate:** Not applicable

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## Section 10: Stability and Reactivity

**Chemical Stability:** The product is stable and will not polymerize.

**Conditions to Avoid:** Avoid contact with excessive heat, sparks or open flame or dust accumulation.

**Incompatibility with:** Strong oxidizing agents.

**Hazardous Products of Deposition:** Carbon dioxide and carbon monoxide and peroxides. Keep container tightly sealed (peroxides form during long storing time.)

**Reactions with Air and Water:** Does not react with air, water or other common materials.

## Section 11: Toxicological Information

Be sure not to exceed threshold limits for exposure.

Ingredients with threshold limits values to be monitored:

CAS#	Ingredient	Value
1330-20-7	Xylene	440 mg/m <sup>3</sup>
67-64-1	Acetone	1200 mg/m <sup>3</sup>
123-86-4	Butylacetate	950 mg/m <sup>3</sup>
108-65-6	Methoxypropylacetate	275 mg/m <sup>3</sup>

### Additional information:

Acetone	LC50	inh. Rat	50100 mg/m <sup>3</sup> /8h
	LD50	oral Rat	5800 mg/kg
	LD50	skin Rabbit	20 g/kg
Butylacetate	LC50	inh. Rat	2000 ppm/4h
	LD50	oral Rat	13.1 g/kg
	LD50	skin Rabbit	>5 g/kg
Methoxypropyl- Acetate	LD50	oral Rat	8532 mg/kg
		No teratogenic effects if threshold limit value not exceeded	

## Section 12: Ecological Information

**General Information:** Do not allow to enter soil or water ways or waste water.

**Exotoxicity:** Not known

**Environmental Fate:** No information found in our selected references.

**Bioaccumulation:** Not known

## Section 13: Disposal Considerations

Spill Response:

Evacuate the area of all unnecessary personnel.  
 Wear suitable protective equipment listed under exposure/personal protection. Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate its source. If this can be done without risk. Take up and containerize for proper disposal as described under disposal. Comply with federal, state, and local regulations on reporting release. Refer to regulatory information for reportable quantity and other regulatory data.

Use only licensed transporters and permitted disposal facilities and conform to all laws.

## Section 14: Transport Information

**Proper Shipping Name:** Flammable liquid

**DOT Hazard Class:** 3

**UN/NA ID:** 1090

**Packing Group:** II

**Marine Pollutant:** Not known

**NAER Guidebook:** Not known

**DOT Status:** Flammable liquid, Hazard Class 3, UN #1090, Packing Group II

## 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:

International Regulations:

Hazard Symbols & Signs:

Flame Graphic in square, X in a Square

Xi Irritant; F Highly Flammable

Hazardous Components to be Indicated on Label:

Acetone; Butylacetate; Methoxypropylacetate

Risk Phrases:

R11: Highly Flammable

R36: Irritating to the eyes

Safety Phrases:

S2: Keep out of reach of children

S9: Keep container in a well-ventilated place

S16: Keep away from sources of ignition - No smoking

S23: Do not breathe vapor

S25: Avoid contact with eyes

S33: Take precautionary measures against static discharges

WGK:

CAS# 108-65-6: 1

CAS# 1330-20-7: 2

CAS# 67-64-1: 1

CAS# 123-86-4: 1

CANADA:

DSL/NDSL

CAS# 1330-20-7 is on the DSL List.

CAS# 108-65-6 is on the DSL List.

CAS# 67-64-1 is on the DSL List.

CAS# 123-86-4 is on the DSL List.

WHMIS: B2, D2B

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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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