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Material Safety Data Sheet

[SPI #05055-AB Leit-C CCC Carbon Cement](#)

Section 1: Identification

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

Chemical Name/Synonyms... Mixture

Chemical family..... Graphite in solvents

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 #05055-AB Leit-C CCC Carbon Cement

CAS #..... See below

Chemical Formula..... Not applicable



Section 2 Composition

Hazardous ingredients	CAS #	Concentration	EC#
xylene	1330-20-7	10-25%	215-535-7
methoxypropylacetate	108-65-6	10-25	203-603-9
acetone	67-64-1	10-25	200-662-2
butylacetate	123-86-4	10-25	204-658-4
acrylic resin		10-25	
graphite	7782-42-5	20-45	231-955-3

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: Thick liquid, almost a paste

Color: Pitch black

Odor: Pungent 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.

Section 4: First Aid Measures

Ingestion:

If swallowed, do not induce vomiting. Wash out mouth with plenty of water.

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 lung specialist for additional information and guidance.

Section 5: Fire Fighting Measures

Flammability classification:

Highly flammable

Flash Point/Method: < 0° C (-32° F)

Auto-Ignition Temperature: Not known

Flammable Limits: Lower: Not applicable
Upper: Not applicable

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 the fire is strictly involving this product, then use dry chemicals, CO₂, 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.

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).

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.

Storage:

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

Section 8: Exposure Controls and Personal Protection

Engineering Controls:

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

Personal Protection:

Inhalation: Use only in a chemical fume hood.

Skin: Protective clothing such as long sleeves or a lab coat should be worn.

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

Section 9: Physical and Chemical Properties

Boiling Point/Range: Not applicable

pH: Not applicable

Vapor Pressure: Not known

Viscosity: Not known

Specific Gravity:

Liquid (water=1) Not known

Water solubility: Soluble

Melting/Freezing Point: 0° C (-32° F)

Evaporation Rate: Not applicable

Density: Approximately 1.2 g/cm³

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

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 ³
67-64-1	Acetone	1200 mg/m ³
123-86-4	Butylacetate	950 mg/m ³
7782-42-5	Graphite	6 mg/m ³
108-65-5	Mehoxypropylacetate	275 mg/m ³

The CAS Numbers for the components of this product are listed on the

1985 TSCA inventory list.

Definitions:

SARA: Superfund Amendments and Reauthorization Act of 1986

CERCLA: Comprehensive Environment Response
Compensation and Liability Act

EHS: Extremely Hazardous Substance

OSHA: Occupational Safety and Health Act.

Section 12: Ecological Information

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: Paint related material
DOT Hazard Class: 3
UN/NA ID: UN 1263
Packing Group: II
Labels: Flammable Liquid

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:

Section 16: Other Information

Disclaimer of Liability:

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