

Southern Lithoplate Inc.
Material Safety Data Sheet

SLP HDPC

Section 1 - Chemical Product and Company Identification

MSDS Name: SLP HDPC

Company Identification:

Southern Lithoplate Inc.
105 Jeffrey Way
Youngsville, N.Carolina.

For information in North America, call: 919-556-9400

For emergencies in the US, call CHEMTREC: 800-424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
64741-41-9	Aliphatic Petroleum Distillates	40-50	
77-92-9	Acetic Acid	1 - 5	200-580-7
7664-38-2	Phosphoric Acid	1 - 5	231-633-2

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: Thick white emulsion.

Caution! May cause eye and skin irritation. Hygroscopic (absorbs moisture from the air). This is expected to be a low hazard for usual industrial handling.

Target Organs: None.

Potential Health Effects

Eye: Will cause severe irritation, burning, redness and tearing.

Skin: May cause skin irritation.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. Aspiration into the lungs can lead to pulmonary edema and chemical pneumonia which can prove fatal.

Inhalation: Can cause irritation of the respiratory tract, dizziness, nausea & headache.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid if irritation develops or persists. Wash clothing before reuse. Flush skin with plenty of soap and water.

Ingestion: Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of water. Never give anything by mouth to an unconscious person. Get medical aid if irritation or symptoms occur.

Inhalation: Remove victim to fresh air, administer oxygen or artificial respiration if breathing difficulties occur. Seek medical attention.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Carbon dioxide, dry chemical or water.

Flash Point: 120F by TTC.

Autoignition Temperature: No information

Explosion Limits, Lower: Not applicable.

Upper: Not applicable.

NFPA/HMIS Rating: (estimated) Health: 1; Flammability: 2; Instability: 0; PPE: SC

Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Evacuate the area. Provide maximum ventilation, dyke area to

contain spill. Take precautions to prevent contamination of ground and surface waters. Recover spilled material using absorbent material such as vermiculite and sweep into closed containers for disposal.

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

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Avoid contact with skin and eyes. Avoid ingestion.

Storage: Keep away from heat and flame. Store in a cool, dry, well ventilated area. Keep container closed when not in use. Empty containers retain vapor and product residue. Vapors are heavier than air and will collect in low areas.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Aliphatic petroleum distillates	100 ppm TWA	none listed	none listed
Acetic acid	10 ppm TWA; 15 ppm STEL	10 ppm TWA; 25 mg/m ³ TWA 50 ppm IDLH	10 ppm TWA; 25 mg/m ³ TWA
Phosphoric acid	1 mg/m ³ TWA; 3 mg/m ³ STEL	1 mg/m ³ TWA 1000 mg/m ³ IDLH	1 mg/m ³ TWA

OSHA Vacated PELs: OSHA Vacated PELs are listed above for these chemicals.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate nitrile gloves.

Clothing: Wear appropriate protective clothing to prevent contact with skin.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Liquid.

Appearance: white viscous.

Odor: Hydrocarbon odor.

pH: 2.3 - 2.7

Vapor Pressure: <3mm of Hg at 20C.

Vapor Density: Not available.

Evaporation Rate: <1 (butyl acetate = 1).

Viscosity: Not available.

Boiling Point: ~ 100C

Freezing/Melting Point: Not available

Decomposition Temperature: Not available.

Solubility: Miscible with water

Specific Gravity/Density: 8.4lb/gallon

VOC: 3.96lb/gallon

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Strong oxidizing and reducing agents, strong bases.

Incompatibilities with Other Materials: Strong oxidizing and reducing agents, strong bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrocarbons.

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

RTECS#:

CAS# 6470-41-9

LD50/LC50:

Not available.

CAS# 7664-38-2:

Draize test, rabbit, eye: 119 mg Severe;

Draize test, rabbit, skin: 595 mg/24H Severe;

Inhalation, mouse: LC50 = 25.5 mg/m³;

Inhalation, rat: LC50 = >850 mg/m³/1H;

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Inhalation, rat: LC50 = 25.5 mg/m³;
Oral, mouse: LD50 = 1.25 gm/kg;
Oral, rat: LD50 = 1530 mg/kg;
Oral, rat: LD50 = 1.25 gm/kg;
Skin, rabbit: LD50 = 2740 mg/kg;

LD50/LC50:

Oral rat LD50: > 16 g/kg. Irritation eye rabbit (std Draize): 36 mg/5H, severe.

CAS#: 5949-29-1

Draize test, rabbit, eye: 750 ug/24H Severe;
Draize test, rabbit, skin: 500 mg/24H Mild;
Oral, mouse: LD50 = 5040 mg/kg;
Oral, rat: LD50 = 3 gm/kg;

Carcinogenicity:

CAS# 6470-41-9, 7664-38-2, 5949-29-1 : Not listed by ACGIH, IARC, NTP, or CA Prop 65 (see section 15).

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Mutagenicity: No information available.

Neurotoxicity: No information available.

Other Studies:

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	Combustible liquids, NOS (not regulated for ground domestic shipments)	
Hazard Class:	Combustible liquid	
UN Number:	NA 1993	
Packing Group:	III	

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 9004-53-9, 9000-01-5 are listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 9004-53-9 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: *This regulation does not address "de minimis"*

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levels. Therefore, even trace amounts of chemicals on these lists must be identified. Trace quantities refer to low levels of materials whose exact concentration may not be determined because of their minuteness.

This product contains the following chemicals known by the state of California to cause cancer: benzene, dioxane, ethylene oxide, acetaldehyde. This product contains the following chemicals known by the state of California to cause reproductive harm: benzene, toluene, ethylene oxide.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

Canada - DSL/NDSL

listed on Canada's DSL List.

Canada - WHMIS

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Section 16 - Additional Information

MSDS Revision Date 6/25/09

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Southern Lithoplate Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Southern Lithoplate Inc. has been advised of the possibility of such damages.