

Southern Lithoplate, Inc.

Safety Data Sheet

SLP HDPC

Section 1 - Chemical Product and Company Identification

1.1 Product identifier: SLP HDPC

1.2 Relevant identified uses of the substance or mixture and uses advised against: For use as a plate cleaner in the lithographic printing industry. Cannot be used in the EU because the product contains nonyl phenol ethoxylates.

1.3 Details of the supplier of the safety data sheet:

Name: Southern Lithoplate, Inc.
Address: 105 Jeffrey Way
Youngsville, NC 27596

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

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

Section 2 - Hazards Identification

2.1 Classification of the Substance or Mixture

Physical hazards: Flam. Liq. 3 - H226
Health hazards: Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317 STOT SE 3 - H336 STOT RE 2 - H373
Environmental hazards: Not Classified
Human health: Prolonged or repeated exposure to vapors in high concentrations may cause the following adverse effects: Dizziness. Fatigue. Product has a defatting effect on skin. The liquid is irritating to eyes and skin. May cause damage to organs (Kidneys, Liver, Central nervous system) through prolonged or repeated exposure. Vapors may irritate throat/respiratory system. The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals. Do not allow to dry out. Contains respirable crystalline silica!
- Prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis; however,

SDS: SLP HDPC

inhalation of crystalline silica is not expected from this product because it is in the form of a viscous emulsion, provided it is used as directed.

Environmental: The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical: Heating will generate vapors which may form explosive vapor/air mixtures.

2.2 Label Elements

Pictogram



Warning!

Statements of Hazard

H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P260 Do not breathe vapor/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P312 Call a poison center/doctor if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with national regulations.

Contains

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE, XYLENE, 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

2.3 Other Hazards: None

Section 3 - Composition, Information on Ingredients

SDS: SLP HDPC

3.2 Mixtures:

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE CAS number: 64742-88-7	30-60%
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304	
CRISTOBALITE CAS number: 14464-46-1	5-10%
Classification STOT RE 1 - H372	
ACETIC ACID CAS number: 64-19-7	1-5%
Classification Flam. Liq. 3 - H226 Skin Corr. 1A - H314 Eye Dam. 1 - H318	
XYLENE CAS number: 1330-20-7	1-5%
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304	
PHOSPHORIC ACID CAS number: 7664-38-2	1-5%
Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318	

5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]
and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) <0.01%
CAS number: 55965-84-9

M factor (Acute) = 10 M factor (Chronic) = 1

Classification

Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317

The Full Text for all Hazard Statements are Displayed in Section 16.
See Section 16 for further information on EU and GHS Classification.

Section 4 - First Aid Measures

4.1 Description of First Aid Measures

- Inhalation:** Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
- Ingestion:** Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Remove affected person from source of contamination. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.
- Skin Contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
- Eye Contact:** Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

4.2 Most important symptoms and effects, both acute and delayed:

- General information** May cause damage to organs (Central nervous system, Kidneys, Liver) through prolonged or repeated exposure.
- Inhalation:** Upper respiratory irritation. Drowsiness, dizziness, disorientation, vertigo.

- Ingestion:** May cause discomfort if swallowed.
- Skin Contact:** Prolonged contact may cause redness, irritation and dry skin. Irritating. May cause sensitization or allergic reactions in sensitive individuals.
- Eye Contact:** Prolonged contact may cause redness and/or tearing. Irritating.

4.3 Indication of any immediate medical attention and special treatment needed: No specific recommendations.

Section 5 - Fire Fighting Measures

5.1 Suitable (and Unsuitable) Extinguishing Media: Extinguish with the following media: Carbon dioxide (CO₂). Alcohol-resistant foam. Dry chemicals, sand, dolomite etc. Do not use water, if avoidable.

5.2 Specific Hazards Arising From the Chemical: The product is flammable. Heating may generate flammable vapors.

5.3 Hazardous Combustion Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon. Oxides of nitrogen. Hydrocarbons.

5.4 Advice for Fire-Fighters: Avoid breathing fire gases or vapors. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities. Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Section 6 - Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures: Evacuate spill area and keep unprotected personnel away. Wear appropriate protective clothing and equipment as described in Section 8.

6.2 Environmental Precautions: Do not discharge into drains, surface and ground-water.

6.3 Methods and Materials for Containment/Cleanup: Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid contact with skin or inhalation of spillage, dust or vapor. Absorb in vermiculite, dry sand or earth and place into containers.

6.4 Reference to Other Sections: Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

Section 7 - Handling and Storage

7.1 Precautions for Safe Handling: Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level.

7.2 Conditions for Safe Storage, Including Any Incompatibilities: Keep away from oxidizing materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place

7.3 Storage Class: Flammable liquid storage.

7.4 Specific end use(s): The identified uses for this product are detailed in Section 1.2.

Section 8 - Exposure Controls, Personal Protection

8.1 Control Parameters:

Occupational exposure limits

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN Kerosine

ACGIH - 8 Hour, TWA - 200 mg/m³

OSHA TWA - 400 ppm, 1600 mg/m³.

ACETIC ACID ...%

Long-term exposure limit (8-hour TWA): ACGIH 10 ppm 25 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 10 ppm 25 mg/m³

Short-term exposure limit (15-minute): ACGIH 15 ppm 37 mg/m³

XYLENE

Long-term exposure limit (8-hour TWA): ACGIH 100 ppm 434 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m³

Short-term exposure limit (15-minute): ACGIH 150 ppm 651 mg/m³

A4

PHOSPHORIC ACID ...%

Long-term exposure limit (8-hour TWA): OSHA 1 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m³

Short-term exposure limit (15-minute): ACGIH 3 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

A4 = Not Classifiable as a Human Carcinogen.

ACETIC ACID ...% (CAS: 64-19-7)

DNEL Industry - Inhalation; Short term local effects: 25 mg/m³ Industry - Inhalation; Long term local effects: 25 mg/m³

PNEC Sediment (Freshwater); 11.36 mg/kg - STP; 85 mg/l
Sediment (Marinewater); 1.136 mg/kg -
Marine water; 0.3058 mg/l - Intermittent release; 30.58 mg/l
Soil; 0.478 mg/kg
Fresh water; 3.058 mg/l

SDS: SLP HDPC

Immediate danger to life and health: 50 ppm

PHOSPHORIC ACID ...% (CAS: 7664-38-2)

Immediate danger to life and health: 1000 mg/m³

Note: If not listed above, refer to local regulations for specific country exposure limits.

8.2 Exposure Controls

Personal Protective Equipment:

Engineering Controls: Provide adequate general and local exhaust ventilation.

Eye/face protection: The following protection should be worn: Chemical splash goggles or face shield.

Hand protection: Wear protective gloves made of the following material: Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). Nitrile rubber.

Other skin and body Protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

Hygiene measures: Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.

Respiratory protection: No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Contains respirable crystalline silica! Prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis; however inhalation of crystalline silica is not expected from this product because it is in the form of a viscous emulsion, provided it is used as directed.

Section 9 - Physical and Chemical Properties

9.1 Information on basic Physical and Chemical Properties:

Appearance	Viscous liquid. Emulsion.
Color	White.
Odor	Hydrocarbons.
Odor threshold	No information available.
pH	2.3
Melting point	Not applicable.
Initial boiling point and range	>100°C/212°F @ 760 mm Hg
Flash point	120°F TCC (Tag closed cup).
Evaporation rate	< 1 (butyl acetate = 1)
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	<3 mm Hg @ 20°C
Vapor density	>1

Relative density	1.01 @ 20°C
Bulk density	Not applicable.
Solubility	Miscible with water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity	> 20.5 mm ² /s.
Oxidizing properties	Not applicable.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
Volatile organic compound	This product contains a maximum VOC content of 423 g/l (3.5 lb per Gallon).

Section 10 - Stability and Reactivity

10.1 Reactivity: Not normally reactive.

10.2 Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Will not polymerize.

10.4 Conditions to Avoid: Avoid heat.

10.5 Incompatibilities with Other Materials: Strong oxidizing agents. Strong reducing agents. Strong acids. Strong alkalis.

10.6 Hazardous Decomposition Products: Fire creates vapors, gases, fumes of: carbon monoxide (CO), carbon dioxide (CO₂), nitrous gases (NO_x), hydrocarbons.

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Acute toxicity - oral

Notes (oral LD₅₀)

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀)

Based on available data the classification criteria are not met.

ATE dermal (mg/kg)

55,290.27

Acute toxicity - inhalation

Notes (inhalation LC₅₀)

Based on available data the classification criteria are not met.

ATE inhalation (gases)

226,187.48 PPM

SDS: SLP HDPC

ATE inhalation (vapors) 552.9 mg/l

ATE inhalation (dusts/mists) 75.4 mg/l

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation Causes eye irritation.

Respiratory sensitization Based on available data the classification criteria are not met.

Skin sensitization Sensitizing.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Fertility Based on available data the classification criteria are not met.

Specific target organ toxicity

STOT - single exposure Drowsiness, dizziness, disorientation, vertigo. Gas or vapor in high concentrations may irritate the respiratory system.

Specific target organ toxicity

STOT - repeated exposure Contains Xylene. May cause damage to organs (Central nervous system, Kidneys, Liver) through prolonged or repeated exposure. Do not allow to dry out. Contains respirable crystalline silica! Prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis; however inhalation of crystalline silica is not expected from this product because it is in the form of a viscous emulsion, provided it is used as directed.

Target organs Central nervous system Liver Kidneys

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

General information May cause damage to organs through prolonged or repeated exposure.

Inhalation May cause respiratory system irritation. The product contains organic solvents. Overexposure may depress the central nervous system, causing dizziness and intoxication. Inhalation (prolonged

or large quantity) of dried product may cause silicosis, however this is not expected under normal use conditions.

Ingestion
Skin Contact

May cause discomfort if swallowed.
Irritating. Contains components which may penetrate the skin. Repeated exposure may cause skin dryness or cracking. The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.

Eye contact

Irritating to eyes.

Route of entry

Skin and/or eye contact Inhalation Skin absorption.

Target Organs

Central nervous system, liver, kidneys, respiratory system, lungs, skin, eyes.

Section 12 - Ecological Information

12.1 Ecotoxicity: Not known. The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Toxicity

Acute toxicity - fish Not known.

Acute toxicity - aquatic Invertebrates Not known.

Acute toxicity - aquatic plants Not known.

Ecological information on ingredients.

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN Kerosine

Acute toxicity - fish LL₅₀, 96 hour: 2 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic Invertebrates EL₅₀, 48 hours: 1.4 mg/l, Daphnia magna

Acute toxicity - aquatic plants EL₅₀, 72 hours: 1 mg/l, Pseudokirchneriella subcapitata

12.2 Persistence and Degradability: There are no data on the degradability of this product. The product contains nonyl phenol ethoxylate which can be transformed into persistent (not readily degradable) nonyl phenols when degraded. Only for use outside the EU - The surfactants contained in this preparation do not meet the criteria for Ultimate Biodegradability and therefore the product does not comply with the Detergents Regulation (EC) No 648/2004.

12.3 Bio accumulative Potential: No data available on bioaccumulation.

12.4 Partition coefficient: No information available.

12.5 Mobility in Soil: The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is miscible with water and may spread in water systems.

12.6 Results of PVT and vPvB assessment: This product does not contain any substances classified as PBT or vPvB.

12.7 Other Adverse Effects: Not known.

Section 13 - Disposal Considerations

13.1 Waste Treatment Methods: When handling waste, the safety precautions applying to handling of the product should be considered. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Section 14 - Transport Information

UN Number

DOT/IMDG/ICAO 1993

UN proper shipping name FLAMMABLE LIQUID, N.O.S.
(CONTAINS PETROLEUM DISTILLATES)

Transport hazard class 3

Transport labels



SDS: SLP HDPC

Packing group

III

Environmental hazards

Environmentally Hazardous Substance



14.6 Special Precautions for User: EmS F-E, S-E

14.7 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code: Not applicable.

Section 15 - Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

U.S. REGULATIONS:

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

ETHYLENE OXIDE
<0.01%
DIMETHYLNITROSOAMINE
<0.01%

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

ETHYLENE OXIDE
<0.01%
ACETALDEHYDE
<0.01%
1,4-DIOXANE
<0.01%
PHOSPHORIC ACID ...%
1-5%
ACETIC ACID ...%
1-5%
COPPER NITRATE
<0.01%
DIMETHYLNITROSOAMINE
<0.01%
BENZENE
<0.1%
Ethylbenzene
<0.1%

SDS: SLP HDPC

CUMENE
<0.1%
TOLUENE
<0.1%
NAPHTHALENE
<0.1%
XYLENE
1-5%

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

DIMETHYLNITROSOAMINE
<0.01%

SARA 313 Emission Reporting

XYLENE
1-5%

CAA Accidental Release Prevention

ETHYLENE OXIDE
<0.01%
ACETALDEHYDE
<0.01%

FDA - Essential Chemical

Not listed.

FDA - Precursor Chemical

Not listed.

OSHA Highly Hazardous Chemicals

ETHYLENE OXIDE
<0.01%
ACETALDEHYDE
<0.01%

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

ETHYLENE OXIDE
<0.01%
ACETALDEHYDE
<0.01%
1,4-DIOXANE
<0.01%
Silicon dioxide, chemically prepared
<1%
DIMETHYLNITROSOAMINE
<0.01%
BENZENE
<0.1%
Ethylbenzene
<0.1%
CUMENE
<0.1%
TOLUENE
<0.1%

SDS: SLP HDPC

NAPHTHALENE

<0.1%

California Air Toxics "Hot Spots" (A-I)

ETHYLENE OXIDE

<0.01%

ACETALDEHYDE

<0.01%

1,4-DIOXANE

<0.01%

PHOSPHORIC ACID ...%

1-5%

Silicon dioxide, chemically prepared

<1%

DIMETHYLNITROSOAMINE

<0.01%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

1-5%

California Air Toxics "Hot Spots" (A-II)

Not listed.

California Directors List of Hazardous Substances

ETHYLENE OXIDE

<0.01%

ACETALDEHYDE

<0.01%

1,4-DIOXANE

<0.01%

PHOSPHORIC ACID ...%

1-5%

Silicon dioxide, chemically prepared

<1%

ACETIC ACID ...%

1-5%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

SDS: SLP HDPC

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

1-5%

Massachusetts "Right To Know" List

ETHYLENE OXIDE

<0.01%

ACETALDEHYDE

<0.01%

1,4-DIOXANE

<0.01%

PHOSPHORIC ACID ...%

1-5%

Silicon dioxide, chemically prepared

<1%

Quartz

<1%

CRISTOBALITE

5-10%

ACETIC ACID ...%

1-5%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

1-5%

Rhode Island "Right To Know" List

OLEIC ACID

<1%

ETHYLENE OXIDE

<0.01%

ACETALDEHYDE

<0.01%

1,4-DIOXANE

<0.01%

PHOSPHORIC ACID ...%

1-5%

Quartz

<1%

ACETIC ACID ...%

SDS: SLP HDPC

1-5%
COPPER NITRATE
<0.01%
DIMETHYLNITROSOAMINE
<0.01%
BENZENE
<0.1%
Ethylbenzene
<0.1%
CUMENE
<0.1%
TOLUENE
<0.1%
NAPHTHALENE
<0.1%
XYLENE
1-5%

Minnesota "Right To Know" List

ETHYLENE OXIDE
<0.01%
ACETALDEHYDE
<0.01%
1,4-DIOXANE
<0.01%
PHOSPHORIC ACID ...%
1-5%
Silicon dioxide, chemically prepared
<1%
Quartz
<1%
CRISTOBALITE
5-10%
ACETIC ACID ...%
1-5%
Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated
<0.1%
DIMETHYLNITROSOAMINE
<0.01%
BENZENE
<0.1%
Ethylbenzene
<0.1%
CUMENE
<0.1%
TOLUENE
<0.1%
NAPHTHALENE
<0.1%
XYLENE
1-5%

New Jersey "Right To Know" List

ETHYLENE OXIDE
<0.01%

SDS: SLP HDPC

ACETALDEHYDE

<0.01%

1,4-DIOXANE

<0.01%

PHOSPHORIC ACID ...%

1-5%

Quartz

<1%

CRISTOBALITE

5-10%

ACETIC ACID ...%

1-5%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

1-5%

Pennsylvania "Right To Know" List

OLEIC ACID

<1%

ETHYLENE OXIDE

<0.01%

ACETALDEHYDE

<0.01%

1,4-DIOXANE

<0.01%

PHOSPHORIC ACID ...%

1-5%

Silicon dioxide, chemically prepared

<1%

Quartz

<1%

CRISTOBALITE

5-10%

Kieselguhr, soda ash flux-calcined

1-5%

ACETIC ACID ...%

1-5%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

BENZENE

SDS: SLP HDPC

<0.1%
Ethylbenzene
<0.1%
CUMENE
<0.1%
TOLUENE
<0.1%
NAPHTHALENE
<0.1%
XYLENE
1-5%

Inventories

Canada - DSL/NDSL

All the ingredients are listed or exempt.

DSL

NDSL

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

ACETALDEHYDE

<0.01%

Diutan

<0.1%

5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

<0.01%

Section 16 - Additional Information

Key literature references and sources for data

Material Safety Data Sheet, Misc. manufacturers.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

7/14/2015

Hazard statements in full

H226 Flammable liquid and vapor.
H290 May be corrosive to metals.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.

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H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure if inhaled.
H373 May cause damage to organs (Liver, Kidneys, Central nervous system) through prolonged or repeated exposure.

ACA HMIS Health rating. Moderate hazard. (2)

ACA HMIS Physical hazard rating. Normally stable. (0)

ACA HMIS Personal protection rating. C

ACA HMIS Flammability rating. Burns only if heated moderately. (2)

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.