

MATERIAL SAFETY DATA SHEET

Product Name: LIQUIBLACK
Synonym: Liquid Lampblack

=====SECTION I - MANUFACTURER IDENTIFICATION=====

MANUFACTURE'S NAME: Concrete Chemicals
ADDRESS: 725 Warrington Ave. Redwood City, CA 94063
EMERGENCY PHONE: (650) 366-5701 INFORMATION PHONE: (650) 366-5701
PREPARED BY: Steve Hay
DATE: 11/19/1998

=====SECTION II - HAZARDOUS INGREDIENTS=====

*No reportable quantities of hazardous materials are present.

*No toxic chemicals subject to the reporting requirements of section 313 title III are present.

*Notice: Pursuant to proposition 65, please be advised: "This product may contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm."

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING POINT: greater than 212 deg F SPECIFIC GRAVITY: (H2O=1): 1.1
VAPOR DENSITY: lighter than air EVAPORATION RATE: slower than water
SOLUBILITY IN WATER: dispersible
APPEARANCE AND ODOR: black dispersion with mild sulfur odor

=====SECTION IV - FIRE AND EXPLOSION DATA=====

FLASH POINT: N/A METHOD USED: SCC
FLAMMABLE LIMITS IN AIR BY VOLUME: Lower: N/A Upper: N/A
AUTO IGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: foam, alcohol foam, CO2, dry chemical, water

SPECIAL FIREFIGHTING PROCEDURE: Follow recommended procedure in handling fire areas. Wear adequate fire fighting equipment including a self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to heat builds pressure in closed containers. Cool with water spray. Material can splatter above 212 deg F.

=====SECTION V - HEALTH HAZARD INFORMATION=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: None.

SKIN CONTACT: No adverse effects likely.

SKIN ABSORPTION: None expected.

EYE CONTACT: Mild transient irritation. No corneal scarring. Flush with water for at least 15 minutes. If irritation persists, consult a physician.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May be harmful if swallowed. Ingestion may cause nausea, vomiting, diarrhea, and gastro intestinal irritation. Consult a physician.

HEALTH HAZARDS: None.

CARCINOGENICITY: NTF? No IARC MONOGRAPHS? No OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: None required.

SKIN CONTACT: Clean with soap and water.

EYE CONTACT: Flush with water.

INGESTION: Induce vomiting if victim is conscious. Call Physician.

=====SECTION VI - REACTIVITY DATA=====

STABILITY: Stable.

CONDITIONS TO AVOID: Freezing and excessive heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Calcium Chloride.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

=====SECTION VII - SPILL OR LEAK PROCEDURES=====

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: For small spills or drips, mop or wipe and dispose of in DOT approved waste containers. For large spills, contain by diking with soil or other non-combustible material then after spill has dried, shovel into DOT approved waste container. Do not attempt to clean large spills with water. Keep out of sewers, storm drains, surface waters and soil.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations currently in force for this product hazard class.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not allow to freeze.

=====SECTION VIII - SPECIAL PROTECTION INFORMATION=====

RESPIRATORY PROTECTON: None required.

VENTILATION: No special ventilation required.

PROTECTIVE GLOVES: Not required but recommended to keep hands clean.

EYE GOGGLES: Recommended.

OTHER PROTECTIVE CLOTHING: Remove contaminated clothing so other articles don't become stained. Wash thoroughly.

WORK/HYGIENIC PRACTICES: No special practices required.

=====SECTION IX - DISCLAIMER=====

The information contained herein is based on the data available to us and is believed to be correct. However, Concrete Chemicals makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Concrete Chemicals assumes no responsibility for injury from the use of the product described herein.