

MATERIAL SAFETY DATA SHEET

Lloyds Laboratories Inc.

Concrete Cure and Seal (Solvent Based) Part # 86120, 86145

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Concrete Cure and Seal (Solvent Based) **PRODUCT USE:** Surface Treatment.

MANUFACTURER: Lloyds Laboratories Inc. **SUPPLIER:** Lloyds Laboratories Inc.

ADDRESS: 613 Neal Drive **ADDRESS:** 613 Neal Drive
Peterborough Peterborough
Ontario Ontario
K9J 6X7 K9J 6X7

EMERGENCY: 1 800 361 6766 **EMERGENCY:** 1 800 361 6766

SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-TWA	ACGIH-TWA	LD ₅₀ (Oral/Rat)
Xylene	108-38-3	30-60%	Not available	100 ppm	5,000 mg/kg

SECTION III: HAZARDOUS IDENTIFICATION

Route of Entry: Eye, skin contact, ingestion.

Potential Health Effects:

Eye Contact: May cause irritation and pain to eyes.

Skin Contact: May cause irritation. Slightly hazardous in case of skin contact (permeator).

Inhalation: May cause slight nose, throat and respiratory tract irritation.

Ingestion: May cause irritation to mouth, esophagus and stomach. May cause gastric tract upset and/or damage. Harmful if swallowed – Central Nervous System Depression.

Chronic Effects:

Carcinogenicity: No ingredients listed IARC or NTP or ACGIC. Non hazardous by WHMIS/OSHA criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: The ingredients in this product were found not to be mutagenic when tested by the Ames Assay, (OECD Guidelines for chemical testing, sec.471).

Skin: Repeated or prolonged exposures to dilutions can cause drying, defatting and dermatitis.

SECTION IV: FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

Skin Contact: Flush with water. Remove contaminated clothing and launder before reuse.

Inhalation: Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water, and then drink one glass of

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water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

SECTION V: FIRE FIGHTING MEASURES

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 527°C (980.6°F).

Flash Points: CLOSED CUP: 25°C (77°F). OPEN CUP: 28.9°C (84°F) (Cleveland).

Flammable Limits: LOWER: 1.1% UPPER: 7%.

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards:

Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Not available.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Leak and Spill

Procedures:

Before attempting clean up, refer to the hazard data provided above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labeled container. For large quantities, dispose of in accordance with local, provincial/ state or federal regulations.

For large spills prevent from entering sewers and waterways. For large spills provide diking to prevent spreading.

SECTION VII: HANDLING AND STORAGE

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material.

SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves:

Use Viton or Nitrile.

Eye Protection:

Chemical splash goggles are recommended.

Respiratory Protection:

Not normally required if good ventilation is maintained.

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Other Protective Equipment: As required by employer code. Eye bath, safety shower, protective clothing.

Engineering Controls:

General ventilation normally required.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Odour and Appearance: Solvent	Odour Threshold:	Not available
Vapour Pressure (mm Hg):	Not available	Vapour Density (Air=1):	Not available	Boiling Point (°C): Not established
% Volatile (Wt %):	100	Solubility in water(20°C):	Slight	Freezing Point (°C): Not available
pH:	Not available	Specific Gravity:	0.9	Evaporation Rate (nBuAc=1): >1
Coeff. Water/Oil Dist.:	Not available			

SECTION X: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable under normal conditions. Excessive heat or contamination could cause decomposition.

Incompatible Materials: Reducing agents, strong acids, strong caustics, iron and other metals.

Hazardous Decomposition Products: Oxides of carbon, Oxides of Nitrogen when heated.

SECTION XI: TOXICOLOGICAL INFORMATION

Toxicity to Animals:

Xylene WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 5000 mg/kg [Rat.]. Acute dermal toxicity (LD50): 12400 mg/kg [Rabbit.]. Acute toxicity of the vapor (LC50): 4550 ppm 4 hour(s) [Rat].

Chronic Effects on Humans: The substance is toxic to blood, kidneys, the nervous system, liver.

Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant). Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:

0347 Animal: embryotoxic, foetotoxic, passes through the placental barrier. 0900 Detected in maternal milk in human. Narcotic effect; may cause nervous system disturbances.

Special Remarks on other Toxic Effects on Humans: Material is irritating to mucous membranes and upper respiratory tract.

SECTION XII: ECOLOGICAL INFORMATION

No data available on the adverse effects of this product on the environment.

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SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of in accordance to all local, provincial/state and federal regulations.

SECTION XIV: TRANSPORTATION

For quantity of 1 liter or less this product is Limited Quantity.

SECTION XV: REGULATORY INFORMATION

Occupational Health and Safety

Regulations:

WHMIS Class:

D2A Toxic material B2 Flammable liquid.

OSHA & WHMIS:

MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations.

Toxic Substances Control Act (TSCA):

All ingredients are registered on the Chemical Substances Inventory.

Canadian Domestic Substance List (DSL):

All ingredients are registered on the DSL.

SECTION XVI: OTHER INFORMATION

Date:	April 15, 2016	Prepared By:	Technical Services Group	Telephone:	1 800 361 6766
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Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST in Montreal, Quebec (514-873-3990).