



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CCW-Liquideck Part A

**Product Use:** Waterproofing/Surfacing Compound

**Manufacturer/Supplier**

Carlisle Coatings & Waterproofing Incorporated  
900 Hensley Lane  
Wylie, TX 75098

**Internet Address:** www.Carlisle-CCW.com

**Fax Number:** (972) 442-0076

**Phone Numbers**

**Medical Emergency:**

**CHEMTREC (USA):** (800) 424-9300

**CHEMTREC (International):**

**MSDS Assistance:** (972) 442-6545

**Fax On Demand:** NA

**Technical Assistance:** (888) 229-2199

**Customer Service:** (888) 229-0199

### 2. COMPONENT INFORMATION

Component	CAS No.	Percent	Hazardous in Blend
Asphalt	8052-42-4	20 - 40	No
Aromatic Hydrocarbon Oil	64742-04-7	1 - 20	No
Aromatic Hydrocarbon Oil	64742-03-6	1 - 20	No
Calcium Carbonate	1317-65-3		No
Magnesium Silicate	14807-96-6		No
Polyether polyol	9082-00-2		No

### 3. HAZARDS IDENTIFICATION

**Emergency and Hazards Overview:**

Causes severe irritation to eyes and skin. May be harmful if swallowed. Read and understand all health and safety information on the product label and Material Safety Data Sheet before use.

**Ratings**

**Health** 2 **Flammability** 1 **Reactivity** 1

**Primary Route of Exposure:** Skin x Inhalation x Eye x Ingestion x

**Health Effect Information**

**Eye Contact:** Causes severe eye irritation if wiped or rubbed into eyes.

**Skin Contact:** Causes severe skin irritation. Some persons may develop skin sensitization.

**Inhalation:** Inhalation may cause nose, throat, and respiratory irritation. May produce CNS depression characterized by giddiness, headache, dizziness and nausea..

**Ingestion:** Moderately toxic. May produce symptoms similar to inhalation.

**Medical Conditions Aggravated by Exposure:** Preexisting eye, skin, and respiratory disorders may be aggravated by exposure.

#### 4. FIRST AID INFORMATION

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**Eye Contact:** Flush with water for 15 minutes. Get medical attention.

**Skin Contact:** Wipe off and flush with water for 15 minutes. Wash skin with soap and water. Immediately remove contaminated clothing and wash before reuse. Leather articles, including shoes, cannot be decontaminated and should be destroyed. Get medical attention.

**Inhalation:** Remove to fresh air. If breathing has stopped, start artificial respiration. Oxygen may be administered. Get medical attention.

**Ingestion:** Consult a physician immediately. Do not induce vomiting unless directed to do so by a physician.

**Notes to Physician:** This product contains aromatic hydrocarbon oil and asphalt.

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#### 5. FIRES AND EXPLOSION INFORMATION

**Flammable Properties**

**Flash Point:** >350 °F

**Test Method:** TCC

**Flame extension:**

**Test Method:**

**Flammable Limits in Air**

**Upper Percent:** NA

**Lower Percent:** NA

**Auto ignition Temperature:** NA

**Test Method:**

**Extinguishing Media:** CO<sub>2</sub>, foam, dry chemical.

**Fire Fighting Measures**

**Special Fire Fighting Procedures and Equipment:** Avoid the use of water. Wear NIOSH/OSHA approved, self-contained breathing apparatus and full protective gear. Heat may build pressure and rupture closed container.

**Unusual Fire and Explosion Conditions:** Vapors can burn in open or exploded if confined.

**Hazardous Combustion By-Products:** carbon dioxide, carbon monoxide, Butadiene

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personnel Safeguards:** Eliminate any ignition sources and ventilate area. Evacuate non-essential personnel. Clean-up responders should put on required personal protective equipment.

**Regulatory Notifications:**

Spill reporting requirements and reportable quantities vary by region. Consult all applicable state and local regulations. For Canada, observe all precautions noted above.

**Containment and Clean up:** Dike with inert absorbent material. Prevent spill from entering drinking water supplies, sewers, or waterways. Cover spill with inert absorbent material and remove for disposal.

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## 7. HANDLING AND STORAGE INFORMATION

**Handling:** Avoid prolonged contact with skin. Use solvent resistant gloves. Avoid rubbing eyes while handling. The cured coating produces hazardous dust when it is subjected to operations such as milling, sawing, or sanding. Keep away from flames, sparks or hot surfaces.

**Storage:** Store in a protected, cool (50°F- 85°F), ventilated, dry, environment away from direct sunlight. Avoid heat, sparks, open flames, electrical equipment, welding torches, pilot lights, etc. Keep containers tightly closed.

### Empty Container Warnings

**Drums:** Do not reuse empty drums or containers. Do not cut, drill, grind, or weld on or near the empty drums.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

### Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
Asphalt	8052-42-4	5 mg/m <sup>3</sup> OSHA TWA
Aromatic Hydrocarbon Oil	64742-04-7	5 mg/m <sup>3</sup> OSHA TWA
Aromatic Hydrocarbon Oil	64742-03-6	5 mg/m <sup>3</sup> OSHA TWA
Calcium Carbonate	1317-65-3	15 mg/m <sup>3</sup> OSHA TWA
Magnesium Silicate	14807-96-6	2 mg/m <sup>3</sup> OSHA TWA

### Personal Protective Equipment

**Eye/Face Protection:** Wear safety goggles. Remove contact lenses.

**Skin Protection:** Use protective, solvent resistant rubber gloves.

**Respiratory Protection:** Provide adequate ventilation to maintain vapors below PEL/TWA. If vapor levels are exceeded, use NIOSH approved respirator, both during and immediately after application, until vapor levels are below limits.

**Personal Hygiene:** Avoid rubbing eyes during handling. Use good personal hygiene practices to avoid incidental ingestion.

### Engineering Controls / Work Practices

**Ventilation:** Provide local exhaust or area ventilation to maintain concentration of vapors below PEL/TWA.

**Other:** Source of clean water should be available in the work area for flushing eyes and skin. Wash thoroughly with soap and water after use and before eating.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Black viscous liquid	<b>Vapor Pressure:</b> <0.01 at 20 deg C
<b>Odor:</b> Light petroleum odor	
<b>Physical state:</b> viscous liquid	<b>Vapor Density (air=1):</b> > air
<b>pH:</b> NA	<b>Percent Volatile by Volume:</b> NA
<b>DOT Corrosivity:</b> NA	<b>Volatile Organic Content:</b> <15 gpl
<b>Boiling Point:</b> ND	<b>Molecular Weight:</b> NA
<b>Melting Point:</b> NA	<b>Average Carbon Number:</b> NA
<b>Density:</b> 9.4 lbs/gal	
<b>Pour Point:</b> NA	
<b>Solubility in Water:</b> Insoluble	
<b>Octanol / Water Coefficient:</b> NA	

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## 10. STABILITY AND REACTIVITY INFORMATION

**Chemical Stability:** Stable

**Conditions to Avoid:** Oxidizing conditions, extreme heat

**Incompatible Materials to Avoid:** Strong acids, strong oxidizers

**Decomposition Product:** Butadiene, carbon Dioxide, Carbon Monoxide

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## 11. TOXICOLOGICAL INFORMATION (will only print available data)

*For Asphalt:*

**Primary Eye Irritation:** Yes.

**Primary Skin Irritation:** Yes. Prolonged or repeated skin contact tends to remove skin oil leading to irritation and dermatitis.

**Acute Dermal Toxicity:** NA

**Sub acute Dermal Toxicity:** Repeated or prolonged contact may cause skin sensitization. Components of this product can cause liver damage in animals.

**Dermal Sensitization:** Yes

**Inhalation Toxicity:** Yes. Has a low order of acute and dermal toxicity, but minute amount aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

**Inhalation Sensitization:** Yes

**Oral Toxicity:** Yes. Has a low order of acute and dermal toxicity, but minute amount aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

**Mutagenicity:** ND

**Carcinogenicity:** In accordance with OSHA, asphalt does not require a cancer hazard warning.

**Reproductive Toxicity:** ND

**Teratogenicity:** NA

**Immunotoxicity:** NA

**Neurotoxicity:** NA

**No other toxicological information available**

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## 12. ECOLOGICAL INFORMATION

If applied to leaves, Asphalt may kill grass and small plants by interfering with transpiration and respiration. This is not toxic to fish but may coat gill structures resulting in suffocation. It may cause gastrointestinal distress to birds and mammals through ingestion.

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## 13. DISPOSAL INFORMATION

**Regulatory Information:** Consult all regulations (federal, state, provincial, local etc.) or a qualified waste disposal firm when characterizing waste for disposal.

**Waste Disposal Methods:** Recover free liquid. Absorb residue and dispose of according to local, state and Federal EPA regulation. Empty container: may contain explosive vapors. Do Not cut, puncture or weld on or nearby.

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## 14. TRANSPORTATION INFORMATION

Not Classified by DOT

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## 15. Regulatory Information

*For Asphalt:*

**U.S. Federal Regulatory Information:**

**SARA 302 Threshold Planning Quantities:** Not Applicable

**SARA 304 Reportable Quantities:** Not Applicable

**SARA 311 Categories:** **Immediate (Acute) Health Effects:** N

**Delayed (Chronic) Health Effects:** N

**Sudden release of Pressure:** N

**Reactivity Hazard:** N

**TSCA Inventory:** All components of this material are on the US TSCA Inventory of chemicals

**Sara Section 313:** No chemicals in this product exceed the De Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372

**EUROPEAN Regulatory Information:** This product is listed on the European Inventory Existing Commercial Substances.

**CANADIAN Regulatory Information:** This is listed on the Canadian Domestic Substance List.

**WHIMS Classification:** Not Controlled

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## 16. OTHER INFORMATION

### **Health and Environmental Label Language**

All ingredients contained in this product are included on the US EPA Toxic Substances Control Act (TSCA) inventory or exempt from listing on the TSCA inventory. All ingredients contained in this product comply with the requirements of the Canadian Environmental Protection Act (CEPA) and are listed on the Domestic Substance List (DSL) or Non-Domestic Substance List (NDSL).

**MSDS Revisions:** Changed to 16 part MSDS

**Previous Version Date:** 06/01/05

**Prepared By:** R&D Department

**Date:** 07/01/08

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