



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CCW-704

Product Use: Mastic

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): (703) 527-3887

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 Range	Hazardous in Blend
Asphalt	64742-93-4	40 - 60	
Aromatic Hydrocarbons	64742-95-6	10 - 20	
Crystalline Silica (in organic and inorganic salts)	14808-60-7	0.3 -0.4	

This product is hazardous according OSHA 29 CFR 1910.1200.

Hazards:

Flammable/Combustible X Acute Toxin X Chronic Toxin X Carcinogen X

Pressure X Reactive No Exposure Limit Target Organ Other

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview:

Mixture contains flammable components and the vapors may ignite explosively. Vapors are heavier than air and may travel to distance sources of ignition and flash back. Harmful if swallowed or inhaled. Overexposure to vapors may cause dizziness, headache or central nervous depression. May cause irritation to eyes, skin and respiratory tract.

Ratings

Health 2 Flammability 2 Reactivity 0

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

Health Effect Information

Eye Contact: May cause eye irritation if wiped or rubbed into eyes.

Skin Contact: May cause skin irritation if wiped or left on the skin.

Inhalation: May cause irritation of the nose, throat, and respiratory tract. At very high concentrations, breathing vapors may cause dizziness, drowsiness, weakness, fatigue, nausea, headache, and unconsciousness.

Ingestion: Ingestion may cause symptoms similar to those of inhalation. Single dose oral toxicity is low. If a large amount is swallowed do not induce vomiting. If the individual is drowsy or unconscious, place on left side with the head down. Seek medical attention.

Medical Conditions Aggravated by Exposure: Prolonged skin contact with this product may defat skin leading to irritation or dermatitis resulting in itching, redness and rash. Over exposure may aggravate mild reversible liver effects, mild reversible kidney effects, blood abnormalities, cataracts.

4. FIRST AID INFORMATION

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: Wash promptly with soap and water, waterless hand cream or abrasive soap. Clean under fingernails. See a physician if irritation develops.

Inhalation: Get fresh air if symptoms develop due to inhalation. Give oxygen if breathing is difficult. If not breathing give artificial respiration and get medical attention immediately.

Ingestion: If swallowed contact a physician immediately. Decision to induce vomiting should only be made by a physician. Never give anything by mouth to an unconscious person.

Notes to Physician: This product contains asphalt, aromatic hydrocarbons.

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: 108°F

Test Method: TCC

Flame extension: NA

Test Method: NA

Flammable Limits in Air

Upper Percent: 12.6

Lower Percent: 1.9

Autoignition Temperature: 880°F

Test Method: NA

NFPA Classification: H 2 F 2 R 0

Extinguishing Media: CO₂, regular foam or dry chemical.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: Firemen must wear full-face air-supplied mask and full protective clothing. Containers should be kept cool with water spray. Liquid or vapor may settle in low areas or travel along ground to ignition sources where they may ignite or explode and flash back.

Unusual Fire and Explosion Conditions: Vapors may be ignited by heat or sparks. Material may collect static charges which can cause an incendiary electrical discharge. Empty container contains product residues. Do not pressurize, cut, weld, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death.

Hazardous Combustion By-Products: CO, CO₂, unburned hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: Immediately evacuate all non-essential personnel to safe areas. Emergency responders should wear proper protective gears before entering the affected area. Observe all precautions noted above.

Regulatory Notifications: Waste of this product is defined as hazardous according to U.S. EPA. 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: Remove all sources of ignition. Do not use metal shovels or other tools which could create sparks. Prevent liquids from entering sewers, drains or waterways by diking with sand or earth. Absorb with vermiculite or other absorbent material and remove for disposal. Use adequate ventilation to promote drying. Wash area with mild detergent and water.

7. HANDLING AND STORAGE INFORMATION

Handling: Avoid prolonged contact with the skin. Use solvent resistant gloves. Avoid rubbing eyes while handling. Use only in areas with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid breathing vapors. Wash hands thoroughly after each use especially before eating or smoking.

Storage: Store in cool ventilated space away from direct sunlight. Keep away from heat, sparks, open flames, electrical equipment, welding torches, pilot lights, etc. Keep containers tightly closed and upright when not in use. Keep below 110°F.

Empty Container Warnings

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

Plastic: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
Asphalt	64742-93-4	5 mg/m ³ TWA
Aromatic Hydrocarbons	64742-95-6	50 ppm TWA

Personal Protective Equipment

Eye/Face Protection: Wear safety goggles.

Skin Protection: Use solvent resistant rubber gloves.

Respiratory Protection: Provide adequate ventilation to maintain vapors below TLV/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 TLV/TWA. Use explosion proof ventilation equipment. Take care not to draw vapors into non-explosion proof or spark generating equipment.

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 and/or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black paste	Vapor Pressure: 3 mm Hg @ 20°C
Odor: Petroleum odor	
Physical state: paste	Vapor Density (air=1): 4.2
pH: Not applicable	Percent Volatile by Volume: 10 – 20
DOT Corrosivity: NA	Volatile Organic Content: 200 g/liter
Boiling Point: 308 to 355°F	Molecular Weight: NA
Melting Point: NA	Average Carbon Number: NA
Specific Gravity: 1.24	Viscosity @ 100 F: NA
Pour Point: NA	Viscosity @ 40 C: NA
Solubility in Water: Negligible	
Octanol / Water Coefficient: Log K _{ow} = NA	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid contact with heat, sparks, open flame and fire.

Incompatible Materials to Avoid: Strong oxidizers.

11. TOXICOLOGICAL INFORMATION (will only print available data)

Primary Eye Irritation: Irritating

Primary Skin Irritation: Irritating

Acute Dermal Toxicity: NA

Subacute Dermal Toxicity: NA

Dermal Sensitization: NA

Inhalation Toxicity: Product toxicity has not been determined. Following are component data:

LC₅₀
Cumene (a component in aromatic hydrocarbons):
Mouse 2,000 ppm 7 hr

Inhalation Sensitization: NA

