

Material Safety Data Sheet

Product Name: CCW Clear Penetrating Sealer

Date of Preparation: 8/15/12

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CCW Clear Penetrating Sealer

Synonyms: Solvent-Based Sealer Concentrate

Product Use: Water-proofing agent for cementitious substrates

Manufacturer/Supplier

Carlisle Coatings and 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

Technical Assistance: (888) 229-2199

Customer Service: (888) 229-0199

2. COMPONENT INFORMATION

Component	CAS No.	Percent Range	Hazardous in Blend
Hydroxyalkyl-alkoxy-alkylsilyl compounds	Proprietary	50 - 75	No
Methanol	67-56-1	0 - 25	Yes
Ethanol	64-17-5	0 - 25	Yes

This product is not hazardous according OSHA 29 CFR 1910.1200.

Hazards:

Flammable/Combustible Yes Acute Toxin No Chronic Toxin No Carcinogen No
 Pressure No Reactive No Exposure Limit _____ Target Organ _____ Other _____

2A. OTHER INGREDIENTS Greater than 3%

Component	CAS No.
None	

3. HAZARDS IDENTIFICATION

Ratings

Health **2** Flammability **3** Reactivity **0** Physical Hazards **1**

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

Primary Entry Routes: Skin contact, skin absorption, eye contact, inhalation, ingestion.

Target Organs:

Acute Effects

Inhalation: High vapor concentration is irritating to eyes and the respiratory tract. It may cause headaches, dizziness, drowsiness, pulmonary edema, nausea and vomiting and other central nervous system effects.

Eye: Irritation on short term exposure to liquid or vapor.

Skin: Irritation on short term exposure to liquid or vapor. Solvents may be absorbed through the skin in toxic amounts.

Ingestion: Irritation of gastrointestinal tract.

Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Respiratory symptoms associated with pre-existing lung disorders and pre-existing heart disorders may be aggravated by exposure to this material.

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Chronic Effects: Overexposure may result in headache, dizziness, fatigue, nausea and loss of consciousness. Chronic exposure may cause reversible kidney and liver damage. Excessive or repeated ingestion may cause central nervous system effects, liver effects and/or reproductive effects.

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Be sure contact lenses are removed. Get medical attention.

Skin Contact: Immediately flush skin with running water and remove contaminated clothing. Wash exposed area with soap and water. Get medical attention.

Ingestion: Do not induce vomiting. Get medical attention immediately.

Note to Physicians: This product contains organic solvents.

Special Precautions/Procedures: Whenever possible, remove the worker from the source of contamination.

5. FIRES AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: 12°C/53°F

Test Method: Closed cup

Flame extension: NA

Test Method: NA

Flammable Limits in Air

Upper Percent: 12.7% by volume

Lower Percent: 2 % by volume

Autoignition Temperature: 399°F (750°C)

Test Method: NA

NFPA Classification: H 2 F 3 R 0

Flammability Classification: Ignition can occur when this product is exposed to heat, sparks, or flame.

Extinguishing Media: In case of fire, use dry chemical, carbon dioxide, or foam. Water alone may not be effective as an extinguishing agent, but will dilute the alcohols and help extinguish the fire. Water fog or spray may be used to provide a smothering effect on fire and to cool fire-exposed container and surrounding combustibles. Do not use a solid stream of water because it can scatter and spread the fire.

Unusual Fire or Explosion Hazards: Product is Flammable. Store and use away from all sources of heat, flame, or sparks. Vapors are heavier than air and may travel along ground or may be moved by ventilation and if present at or above the LFL, can be ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at location distant from material handling point and flash back.

Hazardous Combustion Products: Toxic gases or vapors, such as carbon monoxide, carbon dioxide, or oxides of nitrogen may be released in a fire.

6. ACCIDENTAL RELEASE MEASURES

Spill /Leak Procedures: Avoid breathing vapors. Ventilate area. Contain and remove with inert absorbent materials.

Large Spills:

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: Clean-up spill as soon as possible. Collect any excess material with absorbent pads, bentonite clay or other inert non-combustible absorbent materials. Place into appropriate waste containers for later disposal. Comply with all laws and regulations.

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Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

7. HANDLING AND STORAGE INFORMATION

Handling Precautions: Use away from all sources of heat, flame, or sparks. Empty containers pose a risk. Evaporate residue in a controlled environment. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. Keep away from incompatibles such as oxidizing agents, acids, alkalis. Wash with soap and water before eating or drinking. Launder contaminated clothing. **KEEP OUT OF REACH OF CHILDREN.**

Storage Requirements: Keep containers cool, dry, and store away from all sources of heat, flame, and sparks in a well-ventilated location. Keep containers tightly closed and store with adequate ventilation. Do not pressurize, cut, weld, or grind the containers or empty containers which may contain residual product and solvent vapors that may ignite.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
Methanol	67-56-1	200 ppm OSHA PEL/TWA
Ethanol	64-17-5	1000 ppm OSHA PEL/TWA

Engineering Controls: Do not use in enclosed areas without proper ventilation. General and local exhaust ventilation must be sufficient to control vapor concentrations and keep the PEL below 200 ppm (methanol).

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PEL (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Approved respirator must be used if PEL is 200 ppm or above.

Protective Clothing/Equipment: Hycron, Neoprene, or Nitrile gloves recommended. Glasses or goggles recommended. Industrial shoes to protect feet from contact. Protective skin creams or emollients useful.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow watery liquid	Vapor Pressure: 43 mm Hg @ 20°C
Odor: Typical alcohol odor	Vapor Density (air=1): > air
Physical state: Liquid	Percent Volatile by Weight: 70%
pH: NA	Volatile Organic Content: <350 g/l
Evaporation Rate: NA	Molecular Weight: NA
Boiling Point: 172°F (78 °C)	Average Carbon Number: NA
Melting Point/Freezing Point: < -50°F (< -45°C)	Viscosity @ 77°F: 100-500 cps
Specific Gravity: 0.90	
Pour Point: NA	
Solubility in Water: Miscible	

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10. STABILITY AND REACTIVITY INFORMATION **Stability:** Stable

Polymerization: Will not occur.

Chemical Incompatibilities: Strong oxidizing agents, acids, bases.

Conditions to Avoid: Heat, sparks, and flames; ignition sources.

Hazardous Decomposition Products: Toxic gases or vapors such as carbon monoxide, carbon dioxide, or oxides of nitrogen may be released in a fire.

11. TOXICOLOGICAL INFORMATION (will only print available data)

The product contains Ethanol and a small amount Methanol as solvent.

Methanol

Draize test, rabbit, eye: 40 mg Moderate;

Draize test, rabbit, eye: 100 mg/24H Moderate;

Draize test, rabbit, skin: 20 mg/24H Moderate;

Inhalation, rabbit: LC50 = 81000 mg/m³/14H;

Inhalation, rat: LC50 = 64000 ppm/4H;

Oral, mouse: LD50 = 7300 mg/kg;

Oral, rabbit: LD50 = 14200 mg/kg;

Oral, rat: LD50 = 5600 mg/kg;

Skin, rabbit: LD50 = 15800 mg/kg;

Epidemiology: Methanol has been shown to produce fetotoxicity in the embryo or fetus of laboratory animals. Specific developmental abnormalities include cardiovascular, musculoskeletal, and urogenital systems.

Toxicity Data: (Ethanol) oral-rat LD50 7060 mg/kg; ihl-rat LC50 20000 ppm/10H

Effects of Overexposure:

Acute: See section 3

Chronic: Tumorigenic data cited. Reproductive data cited. Mutation data cited. Not listed as a carcinogen by IARC, NTP or OSHA.

Conditions Aggravated by Overexposure: Liver disorders, Respiratory disorders, Eye disorders, Skin disorders

Target Organs: Central Nervous System, Kidneys, Liver, Eyes

No other toxicological information available

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not known

Environmental Fate: Not known

Environmental Degradation: Not known

Soil Absorption/Mobility: Not known

No other ecological information available

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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: 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.

14. TRANSPORTATION INFORMATION

US Department of Transportation (US DOT – 49 CFR 172.101):

Shipping Name: Methanol, 3, UN 1230, II

Shipping Symbols: Flammable

ID No: UN 1230

Packaging Group: II

Hazard Class: 3

Label: Red Flammable Label required

Highway / Rail (non-bulk): Quantity Limitations:

- **Passenger, Aircraft or Railcar:** 5 L
- **Cargo Aircraft Only:** 60 L

The DOT description is provided to assist the proper shipping classification of this product and may not be suitable for all shipping descriptions.

International Information:

Vessel: IMDG Regulated: Yes

Shipping Name: Methanol, 3, UN 1230, II

Shipping Symbols: Flammable

ID No: UN 1230

Packaging Group: II

Hazard Class: 3

Subsidiary Risk: 6.1

Limited Qty: 1L

EMS: F-E,S-D

Label: Red Flammable Label required

Air: ICAO Regulated: Yes

Shipping Name: Methanol, 3, UN 1230, II

Shipping Symbols: Flammable

ID No: UN 1230

Packaging Group: II

Hazard Class: 3

Subsidiary Risk: 6.1

Limited Qty: Passenger - 1L, Cargo only – 60L

ERG: 3P

Pkg Inst: Ltd Qty-Y305, 305; Cargo only - 307

Label: Red Flammable Label required

15. REGULATORY INFORMATION

EPA Regulations:

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

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TSCA (Toxic Substances Control Act) Status:

TSCA (United States) – The intentional ingredients of this product are listed.

CERCLA Hazardous Substance RQ – 40 CFR 302.4 (a): Not listed

SARA 313 Components (40 CFR 372.65): Methanol – CAS No 67-56-1 – 0-25 percent

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

OSHA Regulations: Hazardous by definition of Hazard Communications Standard (29 CFR 1910.1200).

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29 CFR 1910): Not listed

EPA Accidental Release Prevention (40 CFR 68): Not listed

State Regulations:

California Proposition 65: This product contains substances known to the State of California to cause developmental reproductive toxicity.

Illinois toxic substances disclosure and chemical safety act: Not listed

New York release reporting list: Not listed

Rhode Island RTK hazardous substances: Not listed

Pennsylvania RTK hazardous substances: Methanol

Minnesota: Methanol

Massachusetts RTK and hazardous spill list: Methanol

New Jersey: Methanol

Louisiana spill reporting: Not listed

WHIMS: CLASS B-2, D2A, D2B



HMIS (USA): Health: 2 Fire: 3 Reactivity: 0 Personal Protection: C

NFPA (USA): Health: 2 Flammability: 3 Reactivity: 0 Specific Hazard: None

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 complies 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

Previous Version Date: 4/1/12

Section

Old Information:

New Information: VOC content



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Prepared By: R&D Department

Date: 08/15/2012

Disclaimer of Warranty: The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.

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