
Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

CCW-500

Synonyms

Rubberized asphalt

Chemical Family

Rubber modified ASPHALT

Product Use

Waterproofing membrane: Professional use only.

Restrictions on Use

None known

Manufacturer Information

Carlisle Coatings and Waterproofing, Inc.
900 Hensley Lane
Wylie, TX 75098
USA
Phone: 972-442-6545

Phone Numbers:

Medical Emergency
CHEMTREC (USA): 800-424-9300

SDS Assistance; 972-442-6545
Technical Assistance: 888-229-2199
Customer Service: 888-229-0199

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200 and Canadian Workplace Hazardous Material Information (WHMIS).

Skin Corrosion/Irritation – Category 2

Serious Eye Damage/Eye Irritation – Category 2A

Specific Target Organ Toxicity (single exposure) – Category 3

GHS Label Elements

Symbol(s)



Signal Word

Warning

Hazard Statement(s)

Causes skin irritation

Causes serious eye irritation

May cause respiratory irritation

Precautionary Statement(s)

Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapours/spray
Wash thoroughly after handling

Response

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Storage

Store in a well-ventilated area
Keep container tightly closed
Store locked up

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

Other Hazards

Contact with hot material may cause thermal burns.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
8052-42-4	Asphalt	30 – 60
1317-65-3	Limestone	30 – 60
64752-52-5	Distillates, petroleum, hydrotreated heavy naphenic	5 – 10
Proprietary	Rubber compounds (non-hazardous)	1 – 5
7704-34-9	Sulfur	1 – 5

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

IF exposed or concerned: Get medical advice/attention.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.

Skin

Wash with plenty of soap and water. If skin irritation or rash occurs, seek medical advice/attention. Take off contaminated clothing and wash before re-use. Hot material may cause burns. For thermal burns, cool affected areas as quickly as possible by drenching or immersing in water until material solidifies. Do not remove solidified material from the skin. Get immediate medical attention.

Eyes

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. For the molten form: Continue irrigating with normal saline until ready to transport to hospital.

Ingestion

If a large amount is swallowed, get medical attention.

Most Important Symptoms/Effects

Acute

May cause eye irritation, skin irritation, respiratory irritation. Contact with the heated substance may cause thermal burns.

Note to Physicians

Mineral oil, vegetable oil, or petroleum jelly may help soften the bonding between skin surfaces.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use carbon dioxide, regular dry chemical, regular foam or water. Use water spray to keep containers cool.

Special Hazards Arising from the Chemical

No known hazards.

Hazardous Combustion Products

oxides of carbon, hydrocarbons.

Special Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus with a full facepiece and protective clothing.

Fire Fighting Measures

Wear self-contained breathing apparatus with a full facepiece and protective clothing.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

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Keep unnecessary people away, isolate hazard area and deny entry. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Stop leak if possible without personal risk. Small spills: Absorb with earth, sand or other non-combustible material and transfer to container. Large spills: Dike for later disposal. Eliminate all sources of ignition. Do not flush into sanitary sewer systems, drains or surface water. Once cool, product hardens, will not flow and is not volatile. Dispose in accordance with all applicable regulations.

Environmental Precautions

Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. Do not breathe vapor or mist. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Observe good hygiene and safety practices when handling this product.

Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated area
 Keep container tightly closed
 Store locked up
 Store in a cool, dry place. When not in use, keep containers tightly closed. Keep away from incompatible materials.

Incompatible Materials

Strong oxidizing materials, strong acids.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Limestone		1317-65-3
NIOSH:	10 mg/m ³ TWAtotal dust; 5 mg/m ³ TWArespirable dust	
OSHA (US):	15 mg/m ³ TWAtotal dust; 5 mg/m ³ TWArespirable fraction	
Mexico:	10 mg/m ³ TWA LMPE-PPT	20 mg/m ³ STEL [LMPE-CT]
Asphalt		8052-42-4
ACGIH:	0.5 mg/m ³ TWA as benzene soluble aerosolfume, inhalable fraction	
NIOSH:	5 mg/m ³ Ceilingfume 15 min	
Mexico:	5 mg/m ³ TWA LMPE-PPT	10 mg/m ³ STEL [LMPE-CT]

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Rubber compounds (non-hazardous)	Proprietary
ACGIH	0.0001 mg/m ³ TWA inhalable allergenic proteins, inhalable fraction

Biological limit value

There are no biological limit values for any of this product's components.

Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits. Follow NIOSH guidelines for controlling exposure to fumes that are found in “Asphalt Fume Exposures During the Application of Hot Asphalt to Roofs DHHS (NIOSH) Publication No. 2003-112 (June 2003).

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear chemical resistant, insulated gloves.

Respiratory Protection

Provide adequate ventilation. In case of inadequate ventilation wear respiratory protection.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Not available	Physical State	solid
Odor	Sulfurous	Color	Black
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	Not available
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	>550°F	Flash Point	>450 F
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available
Water Solubility	Not Soluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Solid	Solubility (Other)	Not available
Density	0.9 – 1.2	VOC	None

Other Information

No additional information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

Not known to occur.

Chemical Stability

Stable under normal conditions of use.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition.

Incompatible Materials

strong acids. Strong oxidizer.

Hazardous decomposition products

Oxides of carbon, hydrocarbons, hydrogen sulfide.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure**Inhalation**

Vapors or mist may cause respiratory tract irritation.

Skin Contact

Causes skin irritation. Contact with hot material may cause thermal burns.

Eye Contact

May cause eye irritation. Contact with hot material may cause thermal burns.

Ingestion

No information available for the product.

Acute and Chronic Toxicity**Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Asphalt (8052-42-4)

Oral LD50Rat >5000 mg/kg

Dermal LD50Rabbit >2000 mg/kg

Inhalation LC50Rat(4.5h) >94.4 mg/m³

Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)

Oral LD50Rat >5000 mg/kg

Dermal LD50Rabbit >2000 mg/kg

Sulfur (7704-34-9)

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Oral LD50Rat >3000 mg/kg
 Dermal LD50Rabbit >2000 mg/kg
 Inhalation LC50Rat(4h) >9.23 mg/L

Immediate Effects

Causes skin irritation, eye irritation, respiratory irritation.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

skin irritation, eye irritation.

Respiratory Sensitization

No information available for the product.

Dermal Sensitization

No information available for the product.

Component Carcinogenicity

Asphalt	8052-42-4
ACGIH:	A4 - Not Classifiable as a Human Carcinogen (fume, coal tar-free)
IARC:	Monograph 103 [2013]; Supplement 7 [1987] (extracts of steam-refined and air-refined); Monograph 35 [1985](Group 2B (possibly carcinogenic to humans))
OSHA:	Present
Distillates, petroleum, hydrotreated heavy naphthenic*	64742-52-5*
ACGIH	A2 – Suspected human carcinogen
IARC:	Group 1 – Carcinogenic to humans
NTP	Known
OSHA:	Present

**Product containing mineral oil with less than 3% DMSO extract as measured by IP346. The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP346.*

Germ Cell Mutagenicity

No information available for the product.

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

Respiratory system.

Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

This substance contains polynuclear aromatic hydrocarbons. The presence of polynuclear aromatic hydrocarbons may present a carcinogenic risk with repeated exposure. Respiratory tract damage may result. Oxidation: May cause cancer.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

No data available.

Component Analysis - Aquatic Toxicity

Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5
Fish:	LC50 96 h Oncorhynchus mykiss >5000 mg/L
Invertebrate:	EC50 48 h Daphnia magna >1000 mg/L IUCLID

Persistence and Degradability

No available data.

Bioaccumulative Potential

Asphalt	8052-42-4
Partition Coefficient	>6

Mobility

No data available.

Other Toxicity

No data available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with all applicable regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

UN/NA #: Not Regulated

TDG Information:
UN#: Not Regulated

IATA Information:
UN#: Not regulated

IMDG Information:
UN#: Not regulated

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactivity:** No

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	MA	NJ	PA
Limestone	1317-65-3	Yes	Yes	Yes
Sulfur	7704-34-9	Yes	Yes	Yes
Quartz	14808-60-7	Yes	Yes	Yes

California Proposition 65

This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product

Chemical Name	California Proposition 65
Quartz – 14808-60-7	Carcinogen

Canada Regulations

This product has been classified in accordance with the criteria of the Hazardous Products Regulation (HPR) and the SDS contains all of the information required by the HPR.

Component Analysis - Inventory

Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

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Limestone (1317-65-3)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	NSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Asphalt (8052-42-4)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Section 16 - OTHER INFORMATION

Summary of Changes

Revision Date: January 3, 2023

Revision Note: General Update

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Reasonable care has been taken in the preparation of this information; however, the manufacturer makes no warranty whatsoever including the warranty of merchantability, expressed or implied, with respect to



Safety Data Sheet

Material Name: CCW-500

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this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, consequential, or other such damages resulting from its use or misuse.

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Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.