
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

Emergency Phone #: +1-469-853-2879

E-mail: dcotsakis@ccw.carlisle.com

Phone Numbers:

Medical Emergency

CHEMTREC (USA): 800-424-9300

MSDS 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.

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2B

Skin Sensitization - Category 1A

Carcinogenicity - Category 1A

Hazardous to the Aquatic Environment - Acute - Category 3

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

Causes skin irritation

Causes eye irritation

May cause allergic skin reaction

May cause cancer
Harmful to aquatic life

Precautionary Statement(s)**Prevention**

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapours/spray
Wash thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace
Do not eat, drink or smoke when using this product
Avoid release to the environment

Response

IF exposed or concerned: Get medical advice/attention
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 or rash occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
Specific treatment (see label)
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
64742-52-5	Distillates, petroleum, hydrotreated heavy naphthenic	5.86
8002-74-2	Paraffin waxes and hydrocarbon waxes	2.27
1317-65-3	Limestone	40
136-23-2	Zinc, bis(dibutylcarbamodithioato-S,S')-, (T-4)-	0.17

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

8052-42-4	Asphalt	0-16.14
64742-93-4	Asphalt, oxidized	0-16.14
68955-27-1	Distillates, petroleum, petroleum residues vacuum	0-16.14
64741-56-6	Residues (petroleum), vacuum	0-16.14

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 allergic skin reactions, eye irritation, skin irritation. Contact with the heated substance may cause thermal burns.

Delayed

May cause cancer. Repeated and prolonged contact may cause slight irritation. Liver damage has been reported in animal studies. Reproductive effects have also been reported in animal studies.

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

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

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

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

Paraffin waxes and hydrocarbon waxes	8002-74-2	
ACGIH:	2 mg/m ³ TWAfume	
NIOSH:	2 mg/m ³ TWAfume	
Mexico:	2 mg/m ³ TWA LMPE-PPT fume	6 mg/m ³ STEL [LMPE-CT] fume
Zinc oxide	1314-13-2	
ACGIH:	2 mg/m ³ TWArespirable fraction	10 mg/m ³ STELrespirable fraction
NIOSH:	5 mg/m ³ TWAdust and fume	10 mg/m ³ STELfume
	15 mg/m ³ Ceilingdust	
	500 mg/m ³ IDLH	
OSHA (US):	5 mg/m ³ TWAfume; 15 mg/m ³ TWAtotal dust; 5 mg/m ³ TWArespirable fraction	
Mexico:	5 mg/m ³ TWA LMPE-PPT fume; 10 mg/m ³ TWA LMPE-PPT dust	
	10 mg/m ³ STEL [LMPE-CT] fume	
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	

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

Mexico:	5 mg/m ³ TWA LMPE-PPT	10 mg/m ³ STEL [LMPE-CT]
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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	solid	Physical State	solid
Odor	ASPHALT	Color	Black
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	>500 F
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	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	1.3	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.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure**Inhalation**

Vapors or mist may cause respiratory tract irritation.

Skin Contact

Causes skin irritation. May cause an allergic skin reaction. 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:

Paraffin waxes and hydrocarbon waxes (8002-74-2)

Oral LD50Rat >3750 mg/kg

Dermal LD50Rabbit >3600 mg/kg

Tallex Tall Oil Pitch (8016-81-7)

Oral LD50Rat >3200 mg/kg

Zinc oxide (1314-13-2)

Oral LD50Rat >5000 mg/kg

Asphalt (8052-42-4)

Oral LD50Rat >5000 mg/kg

Dermal LD50Rabbit >2000 mg/kg

Asphalt, oxidized (64742-93-4)

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

Oral LD50Rat >5000 mg/kg
 Dermal LD50Rabbit >2000 mg/kg
 Distillates, petroleum, petroleum residues vacuum (68955-27-1)
 Oral LD50Rat 4320 mg/kg
 Dermal LD50Rabbit >2000 mg/kg
 Residues (petroleum), vacuum (64741-56-6)
 Oral LD50Rat 4320 mg/kg
 Dermal LD50Rabbit >2000 mg/kg

Immediate Effects

Causes skin irritation, eye irritation, allergic reactions.

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

Solprene SBS 411	9003-55-8
IARC:	Supplement 7 [1987]; Monograph 19 [1979](Group 3 (not classifiable))
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))
DFG:	Category 2 (considered to be carcinogenic for man, aerosol and vapor)
OSHA:	Present
Asphalt, oxidized	64742-93-4
IARC:	Monograph 103 [2013] (and their emissions during roofing) (Group 2A (probably carcinogenic to humans))
OSHA:	Present

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

Residues (petroleum), vacuum	64741-56-6
IARC:	Monograph 103 [2013](Group 2B (possibly carcinogenic to humans))
OSHA:	Present

Germ Cell Mutagenicity

No information available for the product.

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

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

Harmful to aquatic life with long lasting effects.

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
Tallex Tall Oil Pitch	8016-81-7
Fish:	LC50 96 h Brachydanio rerio >400 mg/L [static]
Algae:	EC50 72 h Pseudokirchneriella subcapitata >1000 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna >2000 mg/L IUCLID

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

Zinc, bis(dibutylcarbamodithioato-S,S')-, (T-4)-	136-23-2
Fish:	LC50 96 h Lepomis macrochirus 880 mg/L; LC50 96 h Oncorhynchus mykiss 520 mg/L
Invertebrate:	EC50 48 h Daphnia magna 0.74 mg/L IUCLID
Asphalt, oxidized	64742-93-4
Algae:	EC50 72 h Pseudokirchneriella subcapitata 56 mg/L IUCLID
Distillates, petroleum, petroleum residues vacuum	68955-27-1
Fish:	LC50 96 h Brachydanio rerio 48 mg/L [semi-static]
Residues (petroleum), vacuum	64741-56-6
Fish:	LC50 96 h Brachydanio rerio 48 mg/L [semi-static]

Persistence and Degradability

No available data.

Bioaccumulative Potential

No data available.

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

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:** Yes **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	CA	MA	MN	NJ	PA
Paraffin waxes and hydrocarbon waxes	8002-74-2	Yes	Yes	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes	Yes	Yes
Limestone	1317-65-3	No	Yes	Yes	Yes	Yes
Asphalt	8052-42-4	Yes	Yes	Yes	Yes	Yes
Asphalt, oxidized	64742-93-4	No	No	No	Yes	No

Not listed under California Proposition 65

Canada Regulations

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

Canadian WHMIS Ingredient Disclosure List (IDL)

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

WHMIS Classification

D2A, D2B

Component Analysis - Inventory

Solprene SBS 411 (9003-55-8)

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

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

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

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

Paraffin waxes and hydrocarbon waxes (8002-74-2)

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

Tallex Tall Oil Pitch (8016-81-7)

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	No

Zinc oxide (1314-13-2)

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

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

Zinc, bis(dibutylcarbamodithioato-S,S')-, (T-4)- (136-23-2)

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

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

Asphalt, oxidized (64742-93-4)

Safety Data Sheet

Material Name: CCW-500

Product #: 305364

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	No

Distillates, petroleum, petroleum residues vacuum (68955-27-1)

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

Residues (petroleum), vacuum (64741-56-6)

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: June 1, 2018

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.



Safety Data Sheet

Material Name: CCW-500

Product #: 305364

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 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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