

Safety Data Sheet

Material Name: Barricoat, Barriseal

Product # 331471, 331472,
331473, 331471

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Barricoat, Barriseal

Synonyms

Modified Water Based Asphalt Emulsion

Chemical Family

waterproofing and vapor barrier membrane, spray application

Product Use

waterproofing and vapor barrier membrane, below-grade foundation wall assemblies

Restrictions on Use

For industrial use only.

Manufacturer Information

Carlisle Coatings and Waterproofing Incorporated
900 Hensley Lane
Wylie, TX 75098
www.carlisle-ccw.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.

Acute Toxicity- Category 5
Skin Irritant – Category 3
Eye Irritation- Category 3
Aquatic Environment hazard – Category 3

GHS Label Elements

Symbol(s)

None needed according to classification criteria

Signal Word

Warning

Hazard Statement(s)

May be harmful if swallowed
May be harmful if inhaled
Causes mild skin irritation
Causes eye irritation
Harmful to aquatic life

Precautionary Statement(s)

Prevention

Wash hands thoroughly after handling

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Avoid release to the environment if this is not the intended use

Response

Call a Poison center or doctor if you feel unwell

If INHAED: Call a poison center or doctor/physician if you feel unwell

If skin irritation occurs: Get medical advice/attention

If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present.

If eye irritation persists: get medical advice/attention.

Storage

Keep from freezing.

Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations.

Other Hazards

No additional information available.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
8052-42-4	Petroleum Asphalt	30-70

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

Get medical advice/attention if you feel unwell.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin

Wash exposed skin with soap and water. Remove contaminated clothing and wash it before reuse. If skin irritation or rash occurs, seek medical advice/attention. Recommended material: Use protective skin cream before handling the product.

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.

Ingestion

Get medical attention immediately. Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

Most Important Symptoms/Effects

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Acute

May cause mild skin irritation. May cause mild eye irritation.

Delayed

No information on significant adverse effects.

Note to Physicians

Contains ASPHALT.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use carbon dioxide, regular dry chemical, regular alcohol foam or water.

Unsuitable Extinguishing Media

Do not use stream or jet of water as this will spread fire.

Special Hazards Arising from fire

Vaporized material may form explosive mixture with air.

Hazardous Combustion Products

Oxides of carbon, hydrocarbons. Fumes may also be irritating.

Fire Fighting Measures

Avoid inhalation of material or combustion by-products.

Special Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

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

Remove all sources of ignition. Avoid inhalation of material or combustion by-products. Ventilate affected area. Absorb with earth, sand or other non-combustible material and transfer to container. Dispose in accordance with all applicable regulations.

Environmental Precautions

Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

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Precautions for Safe Handling

Avoid contact with eyes, skin and clothing. Wear protective gloves. KEEP OUT OF REACH OF CHILDREN.

Conditions for Safe Storage, Including any Incompatibilities

Keep from freezing. Store in a cool, dry place. When not in use, keep containers tightly closed. Avoid extreme heat and cold.

Incompatible Materials

Strong acids, strong oxidizing agents

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Biological limit value

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

Engineering Controls

Provide adequate ventilation. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear chemical safety goggles and face shields.

Skin Protection

Wear appropriate work clothing and chemical protective gloves. Recommended material: protective skin cream.

Respiratory Protection

A NIOSH approved respirator with a dust, mist, and fume filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits or when symptoms have been observed that are indicative of overexposure.

Glove Recommendations

Wear protective gloves: rubber.

Protective Materials

Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	brown-black liquid	Physical State	liquid
Odor	Mild Petroleum Odor	Color	brown-black
Odor Threshold	Not Determined	pH	8-10

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Melting Point	Not available	Boiling Point	212 °F
Freezing point	Not available	Evaporation Rate	30 - 45 % volatile
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	Not available
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure at 20C	2.3 kPa
Vapor Density (air=1)	>1	Specific Gravity, 16C (water=1)	1.027
Water Solubility	Soluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	1.031 (relative)	VOC	<70 g/L

Other Information

No additional information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

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. Avoid contact with incompatible materials.

Incompatible Materials

Strong acids, strong oxidizing agents

Hazardous decomposition products

Oxides of carbon, hydrocarbons. Fumes may cause irritation.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

May cause respiratory irritation. Excessive inhalation of mist may cause blockage of airways.

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Skin Contact

May cause mild skin irritation. Hot asphalt may cause thermal burns.

Eye Contact

May cause mild eye irritation.

Ingestion

May cause gastrointestinal irritation. Do NOT induce vomiting.

Acute and Chronic Toxicity

Immediate Effects

May cause respiratory tract irritation, skin irritation, and eye irritation.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

May cause respiratory tract irritation, skin irritation, and eye irritation.

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Component Carcinogenicity

None of the components of this mixture are considered to be carcinogen by IARC, ACGIH, NTP, or OSHA.

Bitumen fumes generated at paving temperatures in excess of 250F (120C) are classified by IARC as “possibly carcinogenic to humans” but this product is used at ambient temperatures and does not generate fumes.

Germ Cell Mutagenicity

No data available.

Tumorigenic Data

No data available

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

No data available.

Additional Data

No additional information available.

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Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Avoid release to the environment. This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems. Material may be harmful to aquatic organisms.

Persistence and Degradability

No information available for the product.

Bioaccumulative Potential

No information available for the product.

Mobility

No information available for the product.

Other Toxicity

No additional information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

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

Section 14 - TRANSPORT INFORMATION

US DOT Information:

UN/NA #: Not regulated

IATA Information:

UN#: Not regulated

IMDG Information:

UN#: Not regulated

TDG Information:

UN#: Not regulated

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material does not contain chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Not listed under California Proposition 65

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All components of this material are on the TSCA inventory.

Section 16 - OTHER INFORMATION

Summary of Changes

New SDS: March 26, 2018

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

Disclaimer:

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.