

Safety Data Sheet

Material Name: Barricure

Product #:

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Barricure

Chemical Family

Inorganic salt - organic mixture

Product Use

Cure for Rubberized Asphalt Emulsions

Restrictions on Use

For industrial use only.

Phone Numbers:

Medical Emergency

CHEMTREC (USA): 800-424-9300

MSDS Assistance; 972-442-6545

Technical Assistance: 888-229-2199

Customer Service: 888-229-0199

Manufacturer Information

Carlisle Coatings and Waterproofing, Inc

900 Hensley Lane

Wylie, TX 75098

www.carlisleccw.com

Section 2 - HAZARDS IDENTIFICATION

Acute toxicity , Category 4 (Oral)

Serious eye damage , Category 1

Specific Target Organ Toxicity - Single Exposure - Category 2 (liver, kidneys, thymus)

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

Harmful if swallowed.

Causes serious eye damage.

Precautionary Statement(s)

Prevention

Wash thoroughly after handling

Do not eat, drink or smoke when using this product

Wear eye protection/ face protection.

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Response

If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention.

Immediately call a POISON CENTER or doctor/ physician.

Rinse mouth

Dispose of contents/ container to an approved waste disposal plant.

See Section 11 for more detailed information on health effects and symptoms.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
13477-34-4	Calcium nitrate tetrahydrate	$\geq 50 - \leq 100$
540-72-7	sodium thiocyanate	$\geq 2 - < 5$

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 - FIRST AID MEASURES

Inhalation

Move to fresh air. Consult a physician after significant exposure

Skin

Wash off with soap and plenty of water. Take off contaminated clothing and shoes immediately. If symptoms persist, call a physician

Eyes

Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Rinse immediately with water for 15 minutes seek medical advice. Continue rinsing eyes during transport to hospital.

Remove contact lenses. Keep eye wide open while rinsing.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Induce vomiting immediately and call a physician. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

Most Important Symptoms/Effects

Acute and Delayed

Gastrointestinal discomfort. Excessive lachrymation

See Section 11 for more detailed information on health effects and symptoms.

No known significant effects or hazards.

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Protection of first-aiders

Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.

Note to Physician

Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific extinguishing methods

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special Protective Equipment and Precautions for Firefighters

In the event of fire, wear self-contained breathing apparatus.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment. Deny access to unprotected persons.

Methods and Materials for Containment and Cleaning Up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Environmental Precautions

Try to prevent the material from entering drains or water courses. If the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.

Conditions for Safe Storage.

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

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Incompatible Materials

No data available

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Engineering measures

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protective equipment

Provide adequate ventilation. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Respiratory Protection

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary..

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue Liquid	Physical State	Liquid
Odor	Characteristic	Color	blue
Odor Threshold	Not available	pH	ca. 6.00 at 73 °F (23 °C)
Melting Point	Not available	Boiling Point	Not available
Freezing point	Not available	Evaporation Rate	Not available

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Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	212°C (>100 °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	Completely soluble	Partition coefficient: n-octanol/water	Not available
Viscosity, Kinematic	ca.> 20.5 mm ² /s at 104 °F (40 °C)	Oxidizing properties	Not available
Density	ca.1.375 g/cm ³ at 73 °F (23 °C)	VOC content	< 65 g/l

Other Information

No additional information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use..

Chemical Stability

The product is chemically stable.

Possibility of Hazardous Reactions

Stable under recommended storage conditions.

Conditions to Avoid

No data available

Incompatible Materials

No data available

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

Not a likely route of exposure.

Skin Contact

Causes skin irritation.

Eye Contact

May cause mild eye irritation.

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Acute and Chronic Toxicity

Acute toxicity

Product

Acute oral toxicity : Harmful if swallowed.

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Serious Eye Damage/Eye Irritation

Causes serious eye damage

Respiratory or skin sensitization

No data available

Skin Irritation/Corrosivity Data

No data available

Carcinogenicity

No data available.

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity/Fertility

No data available.

Reproductive Toxicity/Development/Teratogenicity

Teratogenicity-No data available

Specific Target Organ Toxicity - Single Exposure

Assessment; No data available

Specific Target Organ Toxicity - Repeated Exposure

Assessment; No data available

Aspiration toxicity

No data available.

Section 12 - ECOLOGICAL INFORMATION

Do not empty into drains; dispose of this material and its container in a safe way.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

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Section 14 - TRANSPORT INFORMATION

US DOT Information:

UN/NA #: Not dangerous goods

IATA Information:

UN#: Not dangerous goods

IMDG Information:

UN#: Not dangerous goods

Special precautions for user

no data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

Section 15 - REGULATORY INFORMATION

TSCA list : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

Ozone-Depletion Potential

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

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California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Section 16 - OTHER INFORMATION

HMIS Rating

Health: 3 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

Summary of Changes

New SDS: May 18, 2015

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