

Safety Data Sheet

Material Name: MiraSTOP NBW

Product #: 341464

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
MiraSTOP NBW

Product Use
Concrete sealant

Restrictions on Use
For industrial use only.

Manufacturer Information

Carlisle Coatings and Waterproofing, Inc.
900 Hensley Lane
Wylie, TX 75098
www.carlisleccw.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

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Sensitization	Category 1
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Hazards not otherwise classified (HNOC)

Not applicable

Label Elements

Warning

Hazard Statement(s)

May cause an allergic skin reaction.



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves.

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Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

CAS	Component Name	Percent	Trade secret
14807-96-6	Talc	30-40	*
64742-65-0	Petroleum distillates, solvent dewaxed heavy paraffinic	10-20	*
9004-34-6	Cellulose	1-5	*
14808-60-7	Quartz	1-5	*
546-93-0	Magnesium carbonate	1-5	*
8050-09-7	Rosin	<1	*
126-99-8	2-Chloro-1,3-butadiene	0.0001	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Description of First Aid Measures

General Advice

Show this safety data sheet to the doctor in attendance.

Inhalation

IF INHALED: Remove to fresh air.

Eye Contact

IF IN EYES: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

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Skin Contact

Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion

Clean mouth with water and drink afterwards plenty of water.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

Itching. Rashes. Hives.

Indication of Immediate Medical Attention and Special Treatment Needed

Note to physicians

May cause sensitization in susceptible persons. Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

None known based on information supplied.

Special Hazards Arising from the Chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Explosion Data

Sensitivity to mechanical impact

None.

Sensitivity to static discharge

None.

Special Protective Equipment for Fire-Fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Other Information

Refer to protective measures listed in Sections 7 and 8.

Methods and Materials for Containment and Cleaning Up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Pick up and transfer to properly labeled containers.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

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Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store in accordance with local regulations. Protect from direct sunlight.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Talc	14807-96-6
ACGIH TVL:	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter
OSHA PEL:	(vacated) TWA: 2 mg/m ³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more; use Quartz limit
NIOSH IDLH:	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³ containing no Asbestos and <1% Quartz respirable dust
Cellulose	9004-34-6
ACGIH TVL:	TWA: 10 mg/m ³
OSHA PEL:	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction (vacated) STEL: 10 mg/m ³
NIOSH IDLH:	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Quartz	14808-60-7

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ACGIH TVL:	TWA: 0.025 mg/m ³ respirable particulate matter
OSHA PEL:	TWA: 50 µg/m ³ (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(% SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(% SiO ₂ + 2) mg/m ³ TWA respirable fraction
NIOSH IDLH:	IDHL: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Magnesium carbonate	546-93-0
ACGIH TVL:	No data available
OSHA PEL:	-
NIOSH IDLH:	TWA: 10mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Rosin	8050-09-7
ACGIH TVL:	No data available
OSHA PEL:	(vacated) TWA: 0.1 mg/m ³ Formaldehyde
NIOSH IDLH:	TWA: 0.1 mg/m ³ Formaldehyde
2-Chloro-1,3-butadiene	126-99-8
ACGIH TVL:	TWA: 1 ppm S*
OSHA PEL:	TWA: 25 ppm TWA: 90 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 35 mg/m ³ (vacated) S* S*
NIOSH IDLH:	IDLH: 300 ppm Ceiling: 1 ppm 15 min Ceiling: 3.6 mg/m ³ 15 min

Appropriate Engineering Controls

Engineering Controls

Showers
Eyewash stations

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Ventilation systems.

Individual Protection Measures, such as Personal Protection Equipment

Eye/Face Protection	Wear safety glasses with side shields (or goggles).
Hand Protection	Wear suitable gloves.
Skin and Body Protection	Wear suitable protective clothing.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General Hygiene Considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wash hands before eating, drinking or smoking.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid	Color	Orange; Blue; Red; Gray
Odor	Slight	Odor threshold	No data available
pH-value	No data available	Melting point/freezing point	No data available
Boiling point/boiling range	No data available	Flash point	No data available
Evaporation rate	No data available	Flammability (solid gas)	No data available
Flammability Limit in Air Upper flammability or explosive limits	No data available	Flammability Limit in Air Lower flammability or explosive limits	No data available
Vapor pressure	No data available	Vapor density	No data available
Relative density	No data available	Water solubility	No data available
Solubility(ies)	No data available	Partition coefficient	No data available
Autoignition temperature	No data available	Decomposition temperature	No data available
Kinematic viscosity	No data available	Dynamic viscosity	No data available
Explosive properties	No information available	Oxidizing properties	No information available

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Softening point	No information available	Molecular weight	No information available
VOC Content (%)	No information available	Liquid Density	No information available
Bulk density	No information available		

Section 10 - STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	None known based on information supplied.
Incompatible Materials	None known based on information supplied.
Hazardous Decomposition Products	None under normal use conditions.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).

Ingestion	Specific test data for the substance or mixture is not available.
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Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Symptoms	Itching. Rashes. Hives
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Acute Toxicity

Numerical Measures of Toxicity

No information available

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	> 15000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 2400 mg/m ³ (Rat) 4 h
Cellulose 9004-34-6	> 5 g/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5800 mg/m ³ (Rat) 4 h
Rosin 8050-09-7	= 7600 mg/kg (Rat)	> 2500 mg/kg (Rabbit)	= 1.5 mg/L (Rat) 4 h
2-Chloro-1,3-butadiene 126-99-8	= 450 mg/kg (Rat)	= 200 mg/kg (Rat)	= 11800 mg/m ³ (Rat) 4 h

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory or skin sensitization

Classification based on data available for ingredients. May cause sensitization by skin contact.

Germ cell mutagenicity

No information available.

Carcinogenicity

The classification listed below for the petroleum distillates in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The petroleum distillates in this product do not meet that criteria to be classified as carcinogens. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component Carcinogenicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Talc 14807-96-6	-	Group 3	-	X
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	A2	Group 1	Known	X
Quartz 14808-60-7	A2	Group 1	Known	X
2-Chloro-1,3-butadiene 126-99-8	A2	Group 2B	Reasonably Anticipated	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

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A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target organ effects	Respiratory system, Eyes, Skin, Central Vascular System (CVS), Lungs.
Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity The environmental impact of this product has not been fully investigated.

Component Analysis - Aquatic Toxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Talc 14807-96-6	-	LC50: > 100g/L (96h, Brachydanio rerio)	-	-
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
Rosin 8050-09-7	EC50: =400mg/L (72h, Desmodesmus subspicatus)	-	-	EC50: 3.8 - 5.4mg/L (48h, Daphnia magna)
2-Chloro-1,3-butadiene 126-99-8	-	LC50: =245mg/L (96h, Lepomis macrochirus)	-	-

Persistence and Degradability No further relevant information available.

Bioaccumulation There is no data for this product.

Chemical name	Partition coefficient
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2-Chloro-1,3-butadiene 126-99-8	0.57
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Other Adverse Effects No further relevant information available.

Section 13 - DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Do not reuse empty containers.

Chemical name	RCRA	RCRA – Basis for Listing	RCRA – D Series Wastes	RCRA – U Series Wastes
2-Chloro-1,3-butadiene 126-99-8	-	Included in waste streams: F024, F025, F039	-	-

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
2-Chloro-1,3-butadiene 126-99-8	Category I - Volatiles	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	-

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Section 14 - TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

Section 15 - REGULATORY INFORMATION

International Inventories

TSCA Contact supplier for inventory compliance status.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 – Threshold Values %
2-Chloro-1,3-butadiene - 126-99-8	0.1

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
2-Chloro-1,3-butadiene 126-99-8	100 lb	-

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Quartz – 14808-60-7	Carcinogen
2-Chloro-1,3-butadiene - 126-99-8	Carcinogen

U.S. State Right-to-Know Regulations

US State Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Talc 14807-96-6	X	X	X
Cellulose 9004-34-6	X	X	X
Magnesium carbonate 546-93-0	X	X	-
Quartz 14808-60-7	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Section 16 - OTHER INFORMATION

NFPA Health hazards 2 Flammability 0 Instability 0 Physical and chemical properties -

HMIS Health hazards 2 Flammability 0 Physical hazards 0 Personal protection X

Summary of Changes

Revision Date: September 10, 2020

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Revision Note: New

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.