

Safety Data Sheet

Material Name: CCW MiraCLAY Sealant

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name: CCW MiraClay Sealant

Chemical Family: Mixture

Product Use: Benonite 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 in accordance with paragraph (d) of 29 CFR 1910.1200.

This product does not meet the criteria for classification as hazardous

GHS Label Elements

Symbol(s)

Void

Signal Word:

Void

Hazard Statement(s)

Void

Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
8052-41-3	Standard Solvent (mineral spirits)	5-20%
14807-96-6	Talc (3MgO•4SiO ₂ •H ₂ O)	2.5-10%
14808-60-7	Quartz (SiO ₂)	2.5-10%

Additional information:

All concentrations are in percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Any pigments or fillers in this product which may be considered "Hazardous" are

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potentially hazardous only if inhaled as an airborne dust. Exposure by these ingredients as used in sealants, putties, bedding compounds and non-sprayable products is highly unlikely. For the wording of the listed risk phrases refer to section 15.

Section 4 - FIRST AID MEASURES

Inhalation

Overexposure, remove to fresh air and seek medical attention..

Skin

Immediately wash with water and soap and rinse thoroughly.

Eyes

Rinse opened eye for several minutes under running water.

Ingestion

Seek medical treatment

Information for doctor:

- Most important symptoms and effects, both acute and delayed No further relevant information available.
 - Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unusual Fire and Explosion Hazards:

Dried solids can burn and release toxic fumes and vapors.

Advice for firefighters

· Protective equipment:

Protective clothing and respiratory protective device.

Section 6 - ACCIDENTAL RELEASE MEASURES

Handling Precautions: Wear personal protective clothing and equipment, Keep unprotected persons away.

Cleanup: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste in accordance with federal state and local regulations. Ensure adequate ventilation.

Section 7 - HANDLING AND STORAGE

Handling Precautions: Open and handle receptacle with care.

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Prevention of Fires and Explosions: Keep ignition sources away. Do not smoke. Protect against electrostatic charges. Keep respiratory protective devices available.

Storage Requirements: Store in a cool dry area away from direct heat. Keep receptacle tightly sealed.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Store protective clothing separately.

Breathing equipment:

Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

Eye/face protection: Safety glasses with side shields.

Skin Protection: Protective work clothing

Environmental Exposure Control: No specific controls are needed.

Hand Protection: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Stoddard solvent (mineral spirits)	8052-41-3
PEL:	Long-term value: 2900 mg/m ³ , 500 ppm
REL:	Long-term value: 350 ppm Ceiling limit value: 1800* mg/m ³ *15-min
TLV:	Long-term value: 525 mg/m ³ , 100 ppm
Talc (3MgO•4SiO₂•H₂O)	14807-96-6
PEL:	Long-term value: 20 mppcf ppm (containing <1% Quartz)
REL:	Long-term value: 2* mg/m ³ *respirable dust
TLV:	Long-term value: 2* mg/m ³ *as respirable fraction; E

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Quartz (SiO₂)	14808-60-7
PEL:	see Quartz listing
REL:	Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App. A
TLV:	Long-term value: 0.025* mg/m ³ *as respirable fraction

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste, mild mint scent	Physical State	Solid
Odor Threshold	Solvent-like	Color	Brownish Gray
Boiling Point	178°C (352 °F)	pH	Not determined
Melting Point	Undetermined	Flash Point	46 °C (115 °F)
Flammability	Not flammable	Decomposition Temp.	Not determined
Autoignition	Not selfigniting	Solubility in/Miscibility with water	Slightly soluble
Explosion Hazard	Does not present explosion hazard	Specific Gravity 20 °C (68 °F)	1.28 g/cm ³ (10.682 lbs/gal)
Upper Explosive Limit	N/A	% Volatile	2.60%
Kinematic Density	>20.5 cSt	VOC	<150 g/l
Relative/Vapor Density	Not determined	Vapor Pressure at 26 °C (79 °F)	5 mm HG
Solids Content	75%	Evaporation rate	Not determined
Lower Flammability limit	0.5 vol %	Upper Flammability limit	6.0 vol %

Other Information

No additional information available.

Section 10 - STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

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Possibility of hazardous reactions

No dangerous reactions known.

Conditions to Avoid

No further relevant information available.

Incompatible Materials

No further relevant information available.

Hazardous decomposition products

None known

Section 11 - TOXICOLOGICAL INFORMATION

Acute toxicity:

Skin irritant: No irritant effect

Eye irritant: No irritant effect

Sensitization: No sensitizing effects known

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Carcinogenic.

The product can cause inheritable damage.

Chlorinated paraffins	Trade Secret
IARC:	Monograph 48 [1990] (Group 2B (possibly carcinogenic to humans))
DFG:	Category 3B (could be carcinogenic for man)
OSHA:	Present
Quartz (SiO₂)	14808-60-7
IARC:	I
NTP:	K
OSHA Ca	None of the ingredients is listed.

Section 12 - ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available

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Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

At present there are no ecotoxicological assessments.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

Section 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation:

Small amounts can be disposed of with household waste after the product has cured or skinned over. Larger quantities should be disposed of according to state and local regulation.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

Section 14 - TRANSPORT INFORMATION

UN-Number

DOT, ADR, ADN, IMDG, IATA not regulated

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA not regulated

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA Class not regulated

Packing group

DOT, ADR, IMDG, IATA Not regulated

Environmental hazards: Not applicable.

Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

Transport/Additional information: This product is not classified as a Division 4.1 Flammable Solids according to UN Test N.1 Test Method for Readily Combustible Solids.

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Section 15 - REGULATORY INFORMATION

TSCA – All components of this product are listed on TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA Title III:

Section 355 Extremely Hazardous Substances – None.

Section 313 – None.

California Proposition 65 Carcinogens: None of the ingredients is listed

California Proposition 65 Reproductive Toxins: None of the ingredients is listed.

(DSL) Canada Domestic Substance List - All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.

Cancerogenity categories

EPA (Environmental Protection Agency) None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

14807-96-6 Talc (3MgO•4SiO₂•H₂O) A4

14808-60-7 Quartz (SiO₂) A2

MAK (German Maximum Workplace Concentration)

14807-96-6 Talc (3MgO•4SiO₂•H₂O) 3B

14808-60-7 Quartz (SiO₂) 1

• **NIOSH-Ca (National Institute for Occupational Safety and Health)**

14808-60-7 Quartz (SiO₂)

National regulations:

Information about limitation of use: Use by properly trained workers recommended.

Water hazard class: Generally not hazardous for water.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16 - OTHER INFORMATION

HMIG Rating

Health: 2 Fire: 2 Reactivity: 0

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

NFPA Rating

Health: 2 Fire: 2 Reactivity: 0

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

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Summary of Changes

New SDS: April 14, 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. 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.