

Terracol® Component A



Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations and the Canadian Workplace Hazardous Materials Information System.
Revision Date: 03/01/2019 Date of Issue: 12/01/2018 Supersedes SDS Date: 12/01/2018 Version 3.0
Revision Impetus: Text and logo format changes.

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Terracol® Component A

Synonyms: One component of a two component inorganic colloidal silicate based grout, Terracol® Component A and inorganic salt solution, Terracol® Component B.

Intended Use of the Product

Chemical grout

Name, Address, and Telephone of the Responsible Party

USA: Minova USA Inc. 150 Summer Court Georgetown, KY 40324 T 502-863-6800 For SDS Requests: Call 1-855-255-7422 or email sds.na@orica.com www.minovaglobal.com	Canada: Minova 576 Arvin Avenue Stoney Creek, ON - Canada L8E 5P1 T 905-643-1166
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Emergency Telephone Number

Emergency number : For chemical emergencies (24 hour) involving transportation, spill, leak, release, fire or accidents **IN THE U.S. or CANADA CALL: CHEMTREC 1-800-424-9300, Minova CCN 14730.**

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

No need for classification according to GHS criteria for this product.

Label Elements

GHS-US Labeling and Hazard Pictograms (SHS-US): Not required under GHS criteria.

Signal Word (GHS-US) : The product does not require a hazard warning label in accordance with GHS criteria.

Hazard Statements (GHS-US) : Not required under GHS criteria.

Precautionary Statements (GHS-US) : General practice guidelines when handling liquids.
P264 - Wash hands, forearms, and exposed areas thoroughly after handling.
P280 - Wear eye protection, protective gloves, protective clothing.
P302+P352 - If on skin: Wash with plenty of soap and water.
P304+P340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash before reuse.

Other Hazards May cause minor skin and eye irritation.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Inorganic Colloidal Silicate Solution	(CAS No) Not Reported	100	Does not meet classification criteria.

A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition. Full text of H-phrases: see section 16.

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SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: When symptoms occur go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Rinse affected area with water for several minutes. Obtain medical attention if irritation develops.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a doctor/physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head positioned between legs to avoid breathing in of vomit, rinse mouth and have victim drink plenty of water. Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects Both Acute and Delayed

General: May cause minor irritation.

Inhalation: If material is sprayed may cause minor respiratory irritation.

Skin Contact: May cause minor skin irritation.

Eye Contact: May cause minor eye irritation.

Ingestion: Ingestion is not likely to be harmful or have adverse effects.

Chronic Symptoms: None expected.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Incompatible with acids, salts, and alcohols which will cause the material to become solid.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Firefighters should wear full protective gear.

Hazardous Combustion Products: As in all fires toxic and noxious fumes.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes or on skin.

For Non-Emergency Personnel

Protective Equipment: Use appropriate Personal Protection Equipment (PPE).

Emergency Procedures: Evacuate danger area.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: In the event of a spill or leak of material dike and absorb material with inert material and scoop up material. As with all spills, minimize material entering water systems.

Environmental Precautions

Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Place in suitable container.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

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Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid spills and leaks. Never add material to this product unless instructed by Minova.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool place but do not allow material to freeze. Store away from direct sunlight or other heat sources which can reduce products usability and shelf-life.

Incompatible Materials: Incompatible with acids, salts, and alcohols which will cause the material to become solid.

Specific End Use(s)

Chemical grout component.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Safety glasses or chemical goggles as appropriate to prevent eye contact. Insufficient ventilation: Wear respiratory protection if material is sprayed.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Safety glasses or chemical goggles as appropriate to prevent eye contact.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator whenever exposure may exceed established Occupational Exposure Limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear to opaque liquid
Odor	: Not applicable
Odor Threshold	: Not applicable
pH	: 9.5 – 10.5
Relative Evaporation Rate (butyl acetate=1)	: Not applicable
Melting Point	: Not applicable
Freezing Point	: 0°C (32 °F)
Boiling Point	: 100°C (210 to 215 °F)
Flash Point	: Not applicable
Auto-ignition Temperature	: Not applicable
Decomposition Temperature	: Not applicable
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not applicable
Upper Flammable Limit	: Not applicable

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Vapor Pressure	:	Not applicable
Relative Vapor Density at 20 °C	:	Not applicable
Relative Density	:	Not applicable
Specific Gravity	:	1.1
Solubility	:	Soluble in water
Partition coefficient: n-octanol/water	:	Not applicable
Viscosity	:	Not applicable
Explosion Data – Sensitivity to Mechanical Impact	:	Not applicable
Explosion Data – Sensitivity to Static Discharge	:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Terracol[®] Component A inorganic colloidal silicate solution reacts with Terraset[®] Component B inorganic salt solution to form a solid.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous reactions will not occur.

Conditions to Avoid: Use of product in extremely high or low temperatures will affect consistency and cure times.

Incompatible Materials: Incompatible with acids, salts, and alcohols which will cause the material to become solid.

Hazardous Decomposition Products: None.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

Acute Toxicity: Not toxic based on mixture ingredients

LD50 and LC50 Data: Refer to individual mixture ingredients

Skin Corrosion/Irritation: May cause minor skin irritation.

Serious Eye Damage/Irritation: May cause minor eye irritation.

Respiratory or Skin Sensitization: No

Germ Cell Mutagenicity: Not classified

Teratogenicity: No based on mixture ingredients

Carcinogenicity: No based on mixture ingredients.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: No based on mixture ingredients

Specific Target Organ Toxicity (Single Exposure): None

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause minor Irritation to the respiratory tract if material is sprayed.

Symptoms/Injuries After Skin Contact: May cause minor skin irritation.

Symptoms/Injuries After Eye Contact: May cause minor eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is not likely to be harmful or have adverse effects.

Chronic Symptoms: None.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data: Not toxic.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Not toxic.

Persistence and Degradability Not available.

Bioaccumulative Potential No bioaccumulation expected.

Mobility in Soil Not available.

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of material in accordance with all applicable federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

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SECTION 14: TRANSPORT INFORMATION

- 14.1 In Accordance with DOT** Not regulated for transport
14.2 In Accordance with IMDG Not regulated for transport
14.3 In Accordance with IATA Not regulated for transport
14.4 In Accordance with TDG Not regulated for transport

National Motor Freight Classification

NMFC Name: Chemicals NOI **NMFC Number:** 43940 Sub 2 Class: 85

Tariff Classification Number: Not determined

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Terracol[®] Component A	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

Inorganic colloidal silicate solution (Not reported)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Inorganic colloidal silicate solution (Not reported)

U.S. – Not available

Canadian Regulations

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WHMIS Classification	Not Applicable

Inorganic colloidal silicate solution (Not reported)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification Not Applicable – May cause minor irritation.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 03/01/2019

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and the Hazardous Products Regulations (WHMIS 2015).

GHS Full Text Phrases: Based on individual ingredients. Refer to Section 2: Hazardous identification for the Substance or Mixture.

Not Applicable	No need for classification according to GHS criteria for this product.
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Party Responsible for the Preparation of This Document

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