

**1. Identification**

<b>Product identifier</b>	<b>NOVOCOAT™ R7000 QUICK REPAIR PUTTY</b>
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company Name</b>	ErgonArmor, a division of Ergon Asphalt & Emulsions, Inc.
<b>Address</b>	2829 Lakeland Drive Jackson, MS 39232 USA
<b>After hours telephone number</b>	1-800-222-7122
<b>Normal work hours telephone number</b>	1-877-982-7667
<b>Website</b>	www.ergonarmor.com
<b>E-mail</b>	sds@ergon.com
<b>Emergency 24-hour telephone number</b>	CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887
<b>Information on operation hours</b>	8:00 a.m. to 5:00 p.m.

**2. Hazard(s) identification**

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2B
	Sensitization, skin	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction.
<b>Precautionary statement</b>	
<b>Prevention</b>	Avoid breathing dust. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.
<b>Response</b>	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Specific treatment (see this label).
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

**3. Composition/information on ingredients****Mixtures**

Chemical name	Common name and synonyms	CAS number	%
TALC (Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> )		14807-96-6	30 - 60
BISPHENOL-A-(EPICHLORHYDRIN) EPOXY RESIN		25068-38-6	10 - 30
FERROSILICON		8049-17-0	10 - 30
GLASS, OXIDE, CHEMICALS		65997-17-3	10 - 30
NEPHELINE SYENITE		37244-96-5	1 - 5
CRYSTALLINE SILICA		14808-60-7	0.1 - 1

#### 4. First-aid measures

##### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Mouth-to-mouth resuscitation may be dangerous. Get medical attention if symptoms persist. If unconscious, place in recovery position and get medical attention immediately. Maintain open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

##### Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wear gloves while removing contaminated clothing, or rinse clothing thoroughly with water before removal. Continue to rinse for at least 15 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash contaminated clothing before reuse. Clean shoes thoroughly before reuse.

##### Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue to rinse for at least 15 minutes. Get medical attention.

##### Ingestion

Rinse mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur. Never give anything by mouth to a victim who is unconscious or is having convulsions. If unconscious, place in a recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

##### Most important symptoms/effects, acute and delayed

Skin irritation. Redness. May cause allergic skin reaction. Causes serious eye irritation. May cause redness and pain. Irritating to mouth, throat, and stomach.

##### Indication of immediate medical attention and special treatment needed

Treat symptomatically. Contact poison control immediately if large quantities have been ingested or inhaled.

##### General information

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

#### 5. Fire-fighting measures

##### Suitable extinguishing media

Use extinguishing agent suitable for type of surrounding fire.

##### Unsuitable extinguishing media

None known.

##### Specific hazards arising from the chemical

No unusual fire or explosion hazards noted. Thermal decomposition can lead to release of irritating gases and vapors that may include carbon dioxide, carbon monoxide, sulfur oxides, halogenated compounds, and metal oxides.

##### Special protective equipment and precautions for firefighters

Use protective equipment appropriate for surrounding materials. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

##### Fire fighting equipment/instructions

Move containers from fire area if you can do so without risk. Evacuate the area promptly.

##### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

##### General fire hazards

No unusual fire or explosion hazards noted.

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

Avoid any actions which may cause undue risk. Evacuate the area promptly. Keep unnecessary personnel away. Do not touch or walk through spilled material. Ensure adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

## Methods and materials for containment and cleaning up

Prevent product from entering drains. Avoid the generation of dusts during clean-up.

Small Spills: Move containers from spill area. Using a vacuum with HEPA filter will reduce dust dispersal. Put material in suitable, covered, labeled containers. Dispose of via a licensed waste contractor.

Large Spills: Move containers from spill area. Approach release upwind. Prevent entry into waterways, sewer, basements or confined areas. Do not dry sweep or use compressed air for clean-up. Collect spill using a vacuum cleaner with a HEPA filter. Put material in suitable, covered, labeled containers. Dispose of via a licensed waste contractor.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

## Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Avoid from entering into soil, ditches, sewers, waterways and/or groundwater. Inform appropriate managerial or supervisory personnel of all environmental releases.

## 7. Handling and storage

### Precautions for safe handling

Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not ingest. Wash hands and face before eating. Remove contaminated clothing and personal protective equipment before entering eating areas. Keep in the original container or alternative made from a compatible material, kept tightly closed when not in use. "Empty" containers retain product residue (liquid or vapor) and can be dangerous. Do not reuse the empty container. See Section 8 for additional information on hygiene measures. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Suggested store temperature < 35°C. Store in accordance with local/regional/national/international regulation. Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep away from food, drink and animal feeding stuffs. Keep containers tightly closed and upright when not in use. Previously opened containers must be carefully resealed and stored upright to prevent leakage. Use appropriate container to avoid environmental contamination.

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
CRYSTALLINE SILICA (CAS 14808-60-7)	PEL	0.05 mg/m <sup>3</sup>	Respirable dust.

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
CRYSTALLINE SILICA (CAS 14808-60-7)	TWA	0.1 mg/m <sup>3</sup>	Respirable.
TALC (Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ) (CAS 14807-96-6)	TWA	2.4 mppcf 0.1 mg/m <sup>3</sup>	Respirable. Respirable.
		20 mppcf 2.4 mppcf	Respirable.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
CRYSTALLINE SILICA (CAS 14808-60-7)	TWA	0.025 mg/m <sup>3</sup>	Respirable fraction.
TALC (Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ) (CAS 14807-96-6)	TWA	2 mg/m <sup>3</sup>	Respirable fraction.

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
CRYSTALLINE SILICA (CAS 14808-60-7)	TWA	0.05 mg/m <sup>3</sup>	Respirable dust.
GLASS, OXIDE, CHEMICALS (CAS 65997-17-3)	TWA	3 fibers/cm <sup>3</sup>	Fibrous dust.
		3 fibers/cm <sup>3</sup>	Fiber.
		5 mg/m <sup>3</sup>	fibers, total dust
		5 mg/m <sup>3</sup>	Fiber, total
TALC (Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ) (CAS 14807-96-6)	TWA	2 mg/m <sup>3</sup>	Respirable.

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Provide adequate ventilation. Provide eyewash station and safety shower.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear approved safety goggles.

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**Other**

Use personal protective equipment as required. Wear appropriate footwear.

**Respiratory protection**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Wash hands, forearms, and face thoroughly after handling material, before eating, smoking, or using the lavatory, and at the end of the working period. Contaminated work clothing should not be allowed out of the workplace. Remove and wash contaminated clothing before re-use. Appropriate techniques should be used to remove potentially contaminated clothing. Provide eyewash station and safety shower.

**9. Physical and chemical properties****Appearance****Physical state**

Solid.

**Form**

Solid.

**Color**

Dark gray with black core.

**Odor**

Pungent.

**Odor threshold**

Not available.

**pH**

Not available.

**Melting point/freezing point**

Not available.

**Initial boiling point and boiling range**

Not available.

**Flash point**

&gt; 199.9 °F (&gt; 93.3 °C) Setafash Closed Cup.

**Evaporation rate**

Not available.

**Flammability (solid, gas)**

Not applicable.

**Upper/lower flammability or explosive limits****Explosive limit - lower (%)**

Not available.

**Explosive limit - upper (%)**

Not available.

**Vapor pressure**

Not available.

**Vapor density**

Not available.

**Relative density**

2.247

**Solubility(ies)****Solubility (water)**

Not available.

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	> 392 °F (> 200 °C)
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Flammability</b>	Flammable in the presence of the following materials or conditions: open flames, sparks, and static discharge.
<b>Oxidizing properties</b>	Not oxidizing.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	None under normal conditions.
<b>Incompatible materials</b>	Not available.
<b>Hazardous decomposition products</b>	No dangerous reaction known under conditions of normal use.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Irritating to mouth, throat, and stomach.
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### Information on toxicological effects

<b>Acute toxicity</b>	Not available.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.

### Respiratory or skin sensitization

<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	May cause an allergic skin reaction.

<b>Germ cell mutagenicity</b>	Not available.
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<b>Carcinogenicity</b>	No carcinogenicity data available for this product.
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### IARC Monographs. Overall Evaluation of Carcinogenicity

CRYSTALLINE SILICA (CAS 14808-60-7)	1 Carcinogenic to humans.
TALC (Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ) (CAS 14807-96-6)	2B Possibly carcinogenic to humans.
	3 Not classifiable as to carcinogenicity to humans.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

CRYSTALLINE SILICA (CAS 14808-60-7)	Cancer
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### US. National Toxicology Program (NTP) Report on Carcinogens

CRYSTALLINE SILICA (CAS 14808-60-7)	Known To Be Human Carcinogen.
GLASS, OXIDE, CHEMICALS (CAS 65997-17-3)	Reasonably Anticipated to be a Human Carcinogen.

<b>Reproductive toxicity</b>	Not available.
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<b>Specific target organ toxicity - single exposure</b>	Not available.
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<b>Specific target organ toxicity - repeated exposure</b>	Not available.
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<b>Aspiration hazard</b>	Not available.
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**Chronic effects** Not available.

## 12. Ecological information

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** Potential to bioaccumulate is low.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** The generation of waste should be avoided or minimized wherever possible. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### Toxic Substances Control Act (TSCA)

One or more components of the mixture are not on the TSCA 8(b) inventory or are designated "inactive".

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

CRYSTALLINE SILICA (CAS 14808-60-7)

Cancer  
lung effects  
immune system effects  
kidney effects

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312

Yes

#### Hazardous chemical

**Classified hazard categories**

Skin corrosion or irritation  
 Serious eye damage or eye irritation  
 Respiratory or skin sensitization

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)**

Not regulated.

**US state regulations****US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

CRYSTALLINE SILICA (CAS 14808-60-7)  
 GLASS, OXIDE, CHEMICALS (CAS 65997-17-3)  
 TALC (Mg<sub>3</sub>Si<sub>4</sub>O<sub>10</sub>(OH)<sub>2</sub>) (CAS 14807-96-6)

**California Proposition 65**

**WARNING:** WARNING: This product contains a chemical known to the State of California to cause cancer.

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

CRYSTALLINE SILICA (CAS 14808-60-7)	Listed: October 1, 1988
GLASS, OXIDE, CHEMICALS (CAS 65997-17-3)	Listed: July 1, 1990
TALC (Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ) (CAS 14807-96-6)	Listed: April 1, 1990

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

<b>Issue date</b>	09-08-2023
<b>Revision date</b>	09-08-2023
<b>Version #</b>	02
<b>NFPA ratings</b>	Health: 2 Flammability: 0 Instability: 0

**Disclaimer**

Ergon Armor cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

**Revision information**

Hazard(s) identification: Response

Hazard(s) identification: Prevention

Hazard(s) identification: Storage

Composition / Information on Ingredients: Disclosure Overrides

Toxicological information: Ingestion

Ecological information: Ecotoxicity

Ecological information: Bioaccumulative potential