



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name STRONGSEAL® SA
Version # 04
Revision date 24-March-2009
CAS # Mixture
Manufacturer CETCO
Building Materials Group
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General Information (800) 527-9948
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2. Hazards Identification

Potential health effects

Eyes Dust or powder may irritate eye tissue. Symptoms include itching, burning, redness and tearing.

Skin Substance may cause slight skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Inhalation Inhalation of dusts may cause respiratory irritation.

Ingestion Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

3. Composition / Information on Ingredients

Components	CAS #	Percent
RUBBER	9006-04-6	40 - 60
Non-hazardous and other components below reportable levels		40 - 60

Composition comments This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

4. First Aid Measures

First aid procedures

Eye contact Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin contact Wash affected area with mild soap and water. Get medical attention if irritation develops or persists.

Inhalation If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

Ingestion Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. If ingestion of a large amount does occur, seek medical attention. Get medical attention if symptoms occur.

5. Fire Fighting Measures

Flammable properties During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing media

Suitable extinguishing media Dry chemical, CO₂, water spray or regular foam. Use any media suitable for the surrounding fires.

Hazardous combustion products Irritating and/or toxic gases may be emitted upon the products decomposition.

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away.

Environmental precautions No special environmental precautions required.
Methods for containment None necessary.
Methods for cleaning up Sweep up or gather material and place in appropriate container for disposal.

7. Handling and Storage

Handling Keep away from heat and flame. Keep formation of airborne dusts to a minimum.
Storage Keep away from heat, sparks, and flame.

8. Exposure Controls / Personal Protection

Occupational exposure limits

ACGIH

Components

RUBBER (9006-04-6)

Type

TWA

Value

0.0001 mg/m³

Form

Inhalable fraction.

Exposure guidelines Some of the components of this product are hazardous in the respirable form. However, because of the physical nature of this product, dust generation is not expected.

Engineering controls Good general ventilation should be sufficient to control airborne levels. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. If engineering measures are not sufficient to maintain concentrations of dust particulates below the OEL, suitable respiratory protection must be worn.

Personal protective equipment

Eye / face protection Wear safety glasses with side shields.

Skin protection Normal work clothing (long sleeved shirts and long pants) is recommended. When material is heated, wear gloves to protect against thermal burns.

Respiratory protection When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.

General hygiene considerations Use good industrial hygiene practices in handling this material.

9. Physical & Chemical Properties

Appearance Not available.

Color Not available.

Odor Not available.

Odor threshold Not available.

Physical state Solid.

Form Not available.

pH Not available.

Melting point Not available.

Freezing point Not available.

Boiling point Not available.

Flash point Not available.

Evaporation rate Not available.

Flammability Not available.

Flammability limits in air, upper, % by volume Not available.

Flammability limits in air, lower, % by volume Not available.

Vapor pressure Not available.

Vapor density Not available.

Specific gravity Not available.

Relative density Not available.

Solubility (water) Not available.

Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	0 % estimated
Percent volatile	0 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Upon decomposition this product emits acrid dense smoke with carbon dioxide, carbon monoxide, water and other products of combustion.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Sensitization	May cause sensitization of susceptible persons by skin contact.
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US ACGIH Threshold Limit Values: Skin designation

RUBBER (9006-04-6)	Can be absorbed through the skin.
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Acute effects	Eye irritation
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Teratogenicity	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

12. Ecological Information

Ecotoxicity	No data available for this product. This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Environmental effects	No data available for this product. Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.
Persistence and degradability	Not available.

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
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14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.
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CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	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 New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

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

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

Further information

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Recommended restrictions

Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

HMIS ratings



NFPA ratings

Health: 2
Flammability: 0
Instability: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Issue date

24-March-2009

This data sheet contains changes from the previous version in section(s):

Physical & Chemical Properties: Physical & Chemical Properties

Other information

CETCO is an AMCOL International company.