

1. Product and Company Identification

Material name **STRONGSEAL® DB**
Version # 02
Revision date 22-Feb-2008
CAS # Mixture
Manufacturer information CETCO
 Building Materials Group
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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 |
| 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.

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 | CAS # | Type | Value | Form |
|------------|-----------|------|-------------------------|---|
| RUBBER | 9006-04-6 | TWA | 0.001 mg/m ³ | (inhalable fraction, as total proteins) |

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.

ACGIH - Threshold Limits Values - Notice of Intended Changes (TLVs)

| | | |
|--------|-----------|---|
| RUBBER | 9006-04-6 | 0.0001 mg/m ³ TWA (inhalable fraction, as Inhalable allergenic proteins); skin; sensitizer; TLV basis: Skin sensitization |
|--------|-----------|---|

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

| | | |
|--------|-----------|--------------------|
| RUBBER | 9006-04-6 | skin sensitization |
|--------|-----------|--------------------|

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 | 339.8 °F (171 °C) estimated |
| 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 | 0.0108 estimated |
| Relative density | 0.0108 g/cm ³ estimated |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 660.2 °F (349 °C) estimated |
| 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. |
| ACGIH - Threshold Limits Values - Sensitization (SEN) Notations | |
| RUBBER | 9006-04-6 Sensitizer |
| 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. |
|------------------------------|--|

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.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

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 | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | 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)

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

U.S. - New Jersey - Right to Know Hazardous Substance List

RUBBER 9006-04-6 sn 2754 (scrap, powdered or granulated); sn 2755 (solution)

16. Other Information

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

HMIS ratings



NFPA ratings Health: 0
 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. 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.

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Other information

CETCO is a wholly owned division/subsidiary of AMCOL International Corp.