



Specialty Products, Inc.

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** LEWCO 3000SAR-2 & 1750SAR-2  
**Product Use Description:** Silicone impregnated fiberglass fabrics for thermal insulation materials  
**Manufacturer/Distributor:** Lewco Specialty Products, Inc.  
6859 Renoir Avenue  
Baton Rouge, LA 70806  
**Telephone:** (800) 221-6414 TX & AR (800) 233-9755  
(225) 924-3221 Fax (225) 927-2918  
**Emergency Telephone:** Not available

### 2. HAZARDS IDENTIFICATION

#### GHS hazard classification

Health hazards: Skin corrosion/irritation, 3  
Specific target organ toxicity - Single exposure, 3  
Physical hazards: Not classified  
Environmental: Not classified

#### GHS label elements

Signal words: Warning  
Hazard statements: H316, Causes mild skin irritation  
H335, May cause respiratory irritation

Hazard pictograms/symbols:



#### Precautionary statements

(Prevention): P264, Wash...thoroughly after handling.  
P280, Wear protective gloves/protective clothing/eye protection/face protection  
(Response): P302 + P352, IF ON SKIN-Wash with plenty of soap and water.  
P312, Call a POISON CENTER or doctor/physician if you feel unwell.  
P321, Specific treatment (see supplemental first aid on this label).  
P332+313, If skin irritation occurs-Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P370+378, In case of fire: Use dry chemical, dry sand, carbon dioxide or alcohol-resistant foam to extinguish.  
(Storage): Not applicable  
(Disposal): P501, Dispose of contents/container in accordance with local regulation.  
**Description of any hazards not otherwise classified:** Not applicable

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components            | CAS number    | % by weight |
|-----------------------|---------------|-------------|
| Fiberglass Fabric     | 65997-17-3    | 75-85       |
| Silicone coating      | Not available | 15-20       |
| Aluminum trihydroxide | 21645-51-2    | 1.5-3.5     |
| Ground limestone      | 1317-65-3     | 1.5-3.5     |
| Iron oxide            | 1309-37-1     | < 1.5       |

(See Section 8 for Exposure Limits)

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### 4. FIRST AID MEASURES

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| <b>Inhalation:</b>  | Move individual to fresh air. Drink water to clear throat and blow nose to remove fibers. Seek medical attention if irritation persists.   |
| <b>Skin Contact:</b>  | Wash with mild soap and running water: use a washcloth to help remove dust and fibers. To avoid further irritation do not rub or scratch irritated areas. Rubbing or scratching may force fibers into the skin. Seek medical attention if irritation persists. |
| <b>Eye Contact:</b>   | Flush eyes with flowing water for at least 15 minutes. Seek medical attention if irritation persists.  |
| <b>Ingestion:</b>   | Drink extra water to assist natural elimination. Seek medical attention if gastrointestinal irritation persists or other symptoms such as nausea, vomiting, or abdominal pain occur.   |
| <b>Most important symptoms/effects-acute or delayed:</b>    | Irritation of dusts and fibers may result in inflammation of the upper respiratory tract (mouth, nose and throat), and itch and temporary mechanical irritation on skin.   |
| <b>Immediate medical care and special treatment needed:</b> | Indication for physician: No specific medical precaution necessary.  |

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### 5. FIRE FIGHTING MEASURES

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| <b>Suitable extinguishing equipment:</b>                             | Foam, carbon dioxide (CO <sub>2</sub> ), dry chemical  |
| <b>Specific hazards:</b>   | Thermal decomposition of fiber coating silicone may produce an irritating mixture of noxious/toxic smoke and fumes, carbon dioxide, carbon monoxide. |
| <b>Special protective equipment or precautions for firefighters:</b> | Use personal protective equipment.   |

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### 6. ACCIDENTAL RELEASE MEASURES

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| <b>Personal precautions and protective equipment:</b> | Wear suitable protective clothing, gloves and eye/face protection.   |
| <b>Emergency procedures:</b>                          | Evacuate personnel to safe areas. Provide sufficient ventilation.  |
| <b>Environmental precautions:</b>                     | Textile glass products are ecologically harmless.  |
| <b>Cleanup procedures:</b>                            | No need for special cleaning precautions or rules. Dispose of in accordance with appropriate laws and regulations. |

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## 7. HANDLING AND STORAGE

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|------------------|--|
| <b>Handling:</b> | Use adequate safety equipment (gloves, glasses, dust mask) in order to minimize the possible risk of contact with skin, mucous membrane and eyes and decrease irritations and allergies. |
| <b>Storage:</b>  | Keep in manufacturer bag and store in a dry place. Avoid direct sun light.   |

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Exposure Limits

| Component:            | Limit/set by  |
|-----------------------|---|
| Fibrous Glass         | OSHA: TWA-PEL, 15 mg/m <sup>3</sup> (total nuisance dust) and 5 mg/m <sup>3</sup> (respirable nuisance dust); NIOSH, REL/TWA-5 mg/m <sup>3</sup> (total glass dust), and 3f/cc (respirable fibers). |
| Silicone              | Not available   |
| Aluminum trihydroxide | OSHA: TWA, 5 mg/m <sup>3</sup> (respirable dust)  |
| Ground limestone      | OSHA: TWA, 2 mg/m <sup>3</sup> (respirable dust)  |
| Iron oxide            | OSHA: TWA-PEL, 10 mg/m <sup>3</sup> PEL (total dust); ACGIH: TWA-TLV, 5 mg/m <sup>3</sup> (dust & fume)   |

### Engineering controls

|              |  |
|--------------|--|
| Ventilation: | General dilution ventilation and/or local exhaust ventilation should be provided, as necessary to maintain exposures below OSHA's limitation |
|--------------|--|

### Personal protective Equipment

|                         |  |
|-------------------------|--|
| Respiratory Protection: | A properly fitted NIOSH/MHSA approved disposable dust respirator (TC-21C-132) should be used when: the level of dust in the air exceeds permissible exposure limits; or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program and OSHA regulations under CFR |
| Hand Protection:        | Wear gloves when handling this product, and wash thoroughly with soap and water after handling materials.  |
| Eye Protection:         | Safety glasses, goggles or face shields should be worn whenever materials are being handled.   |
| Protective Clothing:    | Wear loose fitting, long sleeved shirt and long pants if irritation is experienced.  |

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|----------------------------|
| <b>Appearance (physical state, color, etc.):</b>             | Solid, Red                 |
| <b>Upper/lower flammability or explosive limits:</b>         | Not available              |
| <b>Odor:</b>   | No odor                    |
| <b>Vapor pressure:</b>                                       | Not available              |
| <b>Odor threshold:</b>                                       | Not available              |
| <b>Vapor density:</b>  | Not available              |
| <b>pH:</b>   | Not available              |
| <b>Relative density Specific Gravity (H<sub>2</sub>O=1):</b> | 2.4                        |
| <b>Melting point:</b>  | > 1,500 °F (fibrous glass) |
| <b>Solubility(ies):</b>                                      | Not soluble in water       |
| <b>Initial boiling point and boiling range:</b>              | Not available              |

|  |                    |
|--|--------------------|
| <b>Flash point:</b>                            | Not available      |
| <b>Evaporation rate:</b>                       | Not available      |
| <b>Flammability (solid, gas):</b>              | Not available      |
| <b>Partition coefficient(n-octanol/water):</b> | Not available      |
| <b>Auto-ignition temperature:</b>              | Not available      |
| <b>Decomposition temperature:</b>              | > 300 °F (coating) |
| <b>Viscosity:</b>                              | Not available      |

## 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Chemical Stability:</b>                            | Product is stable under normal conditions of use   |
| <b>Conditions to avoid:</b>                           | Not available  |
| <b>Materials to avoid:</b>                            | Strong acid, strong bases, strong oxidizing agents   |
| <b>Hazardous decomposition products:</b>              | If the material is heated, residual proprietary organic ingredients contained in this product may produce smoke and irritating fumes including carbon monoxide and carbon dioxide, SiO <sub>2</sub> . Contact with acids or bases releases flammable hydrogen gas. |
| <b>Possibility of hazardous reactions/reactivity:</b> | Not available  |

## 11. TOXICOLOGICAL INFORMATION

|   |  |
|---|--|
| <b>Likely routes of exposure:</b>                                   | Textile glass products do not contain hazardous or toxic ingredients   |
| <b>Chronic toxicity/effects from short- and long-term exposure:</b> | Not available  |
| <b>Acute toxicity:</b>  | Not available  |
| <b>Carcinogens:</b>   | Textile glass products are not carcinogenic. They have a nominal filament diameter of 9µm. The smallest possible filament diameter is 6µm. According to the TRGS 905 (April 1996) fine fiber dust can be carcinogenic only if all following conditions are fulfilled: fiber length > 5µm, diameter < 3µm, ratio of length to diameter > 3:1. |

## 12. ECOLOGICAL INFORMATION

Textile glass fiber are made from mineral raw material and do not have essential organic substances. They are not biologically decomposable. Textile glass fiber is ecologically harmless.

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Method

Dispose in accordance with federal, state, and local regulations as a solid non-hazardous waste.

## 14. TRANSPORT INFORMATION

Textile glass fiber are not materials in sense of hazardous material. Therefore there are no special measures necessary for the transportation and labeling by land, sea or air. Transport in closed vehicles in original packaging to protect from humidity.

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory. SARA Section 311/312 (40 CFR 370) Hazard Categories for silicone: Acute: Yes, Chronic: No, Fire: No,

Pressure: No.  
EPA, RCRA 40 CFR, Part 261, 1990: Non-hazardous  
CERCLA: Not listed  
SARA Title III: Exempt by definition  
PA Right-to-Know: Less than reportable quantity  
TSCA Inventory: Exempt per section 8(a), 710.2(f), and 704.5(a)  
CA Proposition 65: Insignificant trace quantity  
MA Right-to-Know: Less than reportable quantity  
NJ Right-to-Know: Less than reportable quantity

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## 16. OTHER INFORMATION

Prepared by: Peter Zhou  
Issue Date: 9/11/2015

### Disclaimer:

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