

## Section 1 – Chemical Product and Company Identification

**Product Name:** Style DX BAF Compressed Non-Asbestos Sheet

**Chemical Name:** Synthetic Fibers and Nitrile Binder

**Product Use:** Gasket – static seal

**Manufacturer Information:** DXSeal, Inc.

DXSeal, Inc.

P.O. Box 223

Vienna, OH 44473

(330) 856-4635

Emergency Contacts: Kathy Thomas

**Prepared By**

Rebecca Wentzel

(330) 856-4635

**Preparation Date:** October 16, 2007

**Supersedes:** all previous issues. Subject to change without notice.

## Section 2 – Composition/Ingredient Information

**Product Description:** Composite material based on fibers, fillers and elastomeric binder.

Ingredients:

| CAS #                    | Description                            | Percentage |
|--------------------------|--|------------|
| Proprietary              | Nitrile Polymers                       | 8-20%      |
| 26125-61-1<br>25765-47-3 | Aramid Fibers                          | 5-8%       |
| 7631-86-9                | Amorphous Silica                       | 2-10%      |
| 1314-13-2                | Zinc Oxide                             | <2%        |
| 7704-34-9                | Sulphur                                | <1%        |
| 137-26-8                 | Tetramethylthiuram disulfide (Thiuram) | <0.8%      |
| 12001-26-2               | Mica                                   | 25-55%     |
| 7727-43-7                | Barium Sulfate                         | <3%        |
| 1332-58-7                | Kaolin                                 | 2-10%      |
| 1333-86-4                | Carbon black                           | <2%        |
| 7782-42-5                | Graphite                               | 20-30%     |
| 14808-60-7               | Crystalline Silica, quartz             | <2%        |

## Section 3 – Hazards Identification

**Appearance and Odor:** Black rubber sheet / slight characteristic odor

**Potential Health Effects:** In its form as supplied, the product has no known hazards. The ingredients are normally firmly bound within this product. When handling the

*product in an inappropriate way or not in accordance with the intended use, small quantities of respirable fibrous dust may be released from the product.*

**Acute Inhalation:** *n/a*

**Skin Contact:** *n/a*

**Eye Contact:** *n/a*

**Ingestion:** *n/a*

#### Section 4 – First Aid Measures

**General:** *Intensive machining of the product may release coarse and fine dust.*

**Inhalation:** *n/a*

**Skin Contact:** *Wash with soap and water. If irritation persists, seek medical advice.*

**Eye Contact:** *Treat particles in the same way as other foreign bodies, rinse thoroughly with water and seek medical advice.*

**Ingestion:** *n/a*

**Information for the physician:** *n/a*

#### Section 5 – Fire Fighting Measures

**General Fire Hazards:** *Fine dust and usual combustion products of burning rubber.*

**Extinguishing Media:** *Water, foam, carbon dioxide or dry powder.*

**Extinguishing Media which must not be used for safety reasons:** *not known*

**Fire Fighting Instructions:** *Observe normal fire fighting procedure.*

**Additional information:** *Danger of re-ignition after extinguishing.*

#### Section 6 – Accidental Release Measures

**Humans:** *see section 8*

**Environment:** *n/a*

**Cleaning:** *n/a*

#### Section 7 – Handling and Storage

##### Safe Handling

**General:** *Local regulations may apply. Keep work areas clean.*

**Good working practice:** *Cutting, water-jet cutting.*

**The following working practices may generate higher levels of dust and should be avoided unless additional technical measures are installed:** *Grinding, milling, turning, drilling, sawing, sanding.*

**Technical measures:** *In case dust is released, extract ventilation with micro particle filter.*

**Fire and explosion protection:** *Product burns only if intensive fire is applied.*

**For cleaning:** *Use vacuum cleaner equipped with micro particle filter.*

**Storage**

**Ideal Storage conditions:** 72 °F, 50-60 % relative humidity, no direct sunlight.

**Section 8 – Exposure Controls / Personal Protection**

**General dust limit:** *Local regulations may apply.*

**Limit values for respirable mineral fiber dust:** *Local regulations may apply. See section 3.*

**Personal Protection:**

**Under good working practices:** *no specific personal protection is needed.*

**When higher levels of dust may be generated:**

**Respiratory:** *With dust development and in confined spaces, use disposable facemasks complying with or equal to 3M 8710..*

**Hand:** *Wear suitable gloves.*

**Eyes:** *With heavy dust development, wear safety goggles*

**Skin:** *Use appropriate workplace clothing and procedures when using this material.*

**Hygiene measures:** *On completion of work rinse off dust. Never use compressed air.*

**Section 9 – Physical and Chemical Properties**

|                              |   |                            |  |
|------------------------------|---|----------------------------|--|
| <b>Appearance</b>            | Black Rubber  | <b>Odor</b>                | Slight odor                                      |
| <b>pH value</b>              | Not Applicable  | <b>Boiling Point</b>       | Not Applicable                                   |
| <b>Melting Point</b>         | Not Applicable  | <b>Flash point</b>         | Not Applicable                                   |
| <b>Decomposition</b>         | Release of small fume quantities, starting at about 150°C | <b>Flammability:</b>       | Product burns only if intensive fire is applied. |
| <b>Density</b>               | 1.6 – 1.8 g/cm <sup>3</sup>                               | <b>Solubility in water</b> | Insoluble  |
| <b>Explosive Properties:</b> | Not Applicable  | <b>Vapor Pressure</b>      | Not Applicable                                   |

**Section 10 – Chemical Stability & Reactivity Information**

**Conditions to be avoided:** *Use the materials only within the limits specified in the technical data sheets.*

**Degradation products:** *At high temperatures, release of the organic components typical for rubber.*

### Section 11 – Toxicological Information

*See section 3*

### Section 12 – Ecological Information

*Stable product with no known adverse environmental effects.*

### Section 13 – Disposal Considerations

**US EPA Waste Number and Descriptions:**

**A) General Product Information:** *This product is not expected to be a characteristic waste under RCRA.*

**B) Component Waste Numbers:** *No EPA Numbers are applicable for this product's components.*

**Disposal Instructions:** *This product can be disposed of in a normal manner. Local regulations may apply.*

### Section 14 – Transportation Information

**US DOT Regulations:**

**Primary Hazard Class / Division:** *This product has no classification.*

**Other Shipping Information:** *Product should remain in a proper container during transportation.*

### Section 15 – Regulatory Information

**US Federal Regulations:**

**A) General Product Information:** *No additional information available*

**B) Component Analysis:** *None of the components of this product are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).*

**State Regulations:**

**A) General Product Information:** *No Additional Information available.*

**B) Component Analysis – State:** *n/a*

**Other Regulations:**

**A) General Product Information:** *No additional Information available.*

**B) TSCA Status:** *n/a*

**C) Component Analysis:** *n/a*

**D) Canada Workplace Hazardous Materials Information System (WHMIS)**

*This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.*

**Section 16 – Other Information**

*The information contained herein is based upon current data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished as a guide only and upon the conditions that the person receiving it shall make tests to determine the accuracy and suitability for his or her own purpose.*