

## Section 1 – Chemical Product and Company Identification

**Product Name:** Style DX 990 Compressed Non-Asbestos Sheet/Wire Inserted

**Product Use:** *Flange Seals and Gasketing*

**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 24, 2006*

**Supercedes:**

## Section 2 – Composition/Ingredient Information

Component/Ingredient	CAS #	OSHA PEL	ACGIH TLV	Percent by Weight
Amorphous Silica	76318-86-9	20 mppcf	10 mg/m <sup>3</sup>	1-15%
Aluminum Silicate	1335-30-4	N/A	10 mg/m <sup>3</sup>	5-25%
Calcium Metasilicate	13983-17-0	N/A	10 mg/m <sup>3</sup>	40-60%
Aramid Fiber	26125-61-1	N/A	N/A	1-15%
Mineral Fiber	65997-17-3	N/A	10 mg/m <sup>3</sup>	1-10%

*See Section 8 of this MSDS for exposure limit data for these ingredients*

## Section 3 – Hazards Identification

**Appearance and Odor:** *Black Sheet / slight elastomeric odor*

**Route(s) of Entry:**

**Inhalation:** *N/A*

**Skin Contact:** *N/A*

**Ingestion:** *N/A.*

**Eye Contact:** *N/A*

**Health Hazards (Acute and Chronic):** *Product does not pose a health hazard under normal conditions of use. A hazard may arise only if the material is subjected to mechanical abrasions that could cause fibers to be released.*

**Medical Conditions Aggravated by Exposure:** *Breathing airborne fibers or particulates may aggravate any existing lung disorders or bronchitis.*

**Carcinogenicity:** NTP-No\*      IARC-No\*      OSHA-No\*  
*\*Gasket materials are not believed to be a cancer risk to humans when handled as recommended.*

### Section 4 – First Aid Measures

*If overcome by thermal decomposition products from a fire, move to fresh air. If victim is unconscious, exhibits breathing difficulty or if recovery is not prompt contact a physician for treatment.*

### Section 5 – Fire Fighting Measures

<b>Is this product flammable?</b>	No	<b>Lower Flammability Limit</b>	Not Available
<b>Flash Point</b>	Not Applicable	<b>Flammability Classification</b>	Not Determined
<b>Upper Flammable Limit</b>	Not Applicable	<b>Explosion Data – Sensitivity to mechanical impact</b>	Not Available
<b>Auto Ignition Temperature</b>	None	<b>Explosion Data – Sensitivity to static discharge</b>	Not Available
<b>Flash Point Method</b>	Not Applicable	<b>Hazardous Combustion Products Data</b>	Not Available

**General Fire Hazards:** *Produces smoke and some hazardous decomposition products when burned.*

**Extinguishing Media:** *Water, foam, CO<sub>2</sub>, Dry chemical.*

**Fire Fighting Instructions:** *Self-contained breathing apparatus should be worn. Use normal fire fighting procedures.*

## Section 6 – Accidental Release Measures

**Containment Procedures:** *Pick up any large pieces. Use high efficiency vacuum to clean up spilled material. Use wet sweeping where sweeping is necessary.*

**Clean-Up Procedures:** *Collect material and place in a suitable container for disposal as non-hazardous waste.*

## Section 7 – Handling and Storage

**General Storage:** *Use good and safe workplace practices when handling this material.*

**Handling:** *Handling and use in a manner consistent with good industrial & manufacturing techniques and practices.*

**Storage:** *Store away from excessive heat or strong acids and oxidizing agents. Do not grind or machine product. Normal wash-up after handling is recommended.*

**Storage Temperature:** *Cool and dry environment.*

**Loading Temperature:** *Not Applicable.*

## Section 8 – Exposure Controls / Personal Protection

**Engineering Controls:** *When removing gaskets, avoid excessive mechanical actions and place residue in a plastic bag for disposal. As a precaution, a half-face respirator with high efficiency filters should be worn by individuals when engaging in removal of used gaskets that are friable or which require aggressive scraping and/or wire brushing to remove.*

**Personal Protective Equipment:**

**Eyes and Face:** *Wear safety glasses with side shields or goggles when handling this material.*

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

**Respiratory:** *No special requirement under normal condition of use.*

**Comments** *This product contains no known OSHA hazardous ingredients per 29 CFR 1910.1200*

## Section 9 – Physical and Chemical Properties

<b>Appearance</b>	Rubber-like consistency	<b>Odor</b>	Slight aromatic odor
<b>Color</b>	Black	<b>pH in water</b>	Not Applicable
<b>Vapor Density</b>	Not Applicable	<b>Melting Point</b>	Not Applicable
<b>Vapor Pressure</b>	Not Applicable	<b>Freezing Point</b>	Not Applicable
<b>Specific Gravity</b>	1.8 grams/cc	<b>Solubility</b>	Insoluble
<b>Odor Threshold</b>	Not Applicable	<b>Boiling Point</b>	Not Applicable
<b>Evaporation Rate</b>	Not Applicable	<b>Volatiles (By Weight)</b>	<0.1%

## Section 10 – Chemical Stability & Reactivity Information

**Stability:** *Stable – Direct flame will ignite product.*

**Reactivity:** *Non-reactive.*

**Hazardous Decomposition:** *Oxides of carbon and possibly other decomposition products if subjected to excessive heat or open flame.*

**Incompatible Material:** *Strong acids and oxidizing agents.*

**Hazardous Polymerization:** *Will not occur*

## Section 11 – Toxicological Information

**Acute Toxicity:**

**A) General Product Information:** *Dusts produced when removing product from service may cause mechanical irritation to skin and eyes.*

**B) Component Analysis:**

**Component Carcinogenicity:** *None known*

**Irritancy of the Product:**

**Acute Inhalation:** *Dust from this product may cause mechanical irritation of the nose, throat and respiratory tract.*

**Skin Contact:** *Dust from this product may cause temporary irritation to the skin.*

**Eye Contact:** *Dust from this product may cause temporary mechanical irritation to the eyes.*

## Section 12 – Ecological Information

*No ecological concerns can be identified with this product*

### 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) OSHA:** *This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200)*

	HMIS Ratings	NFPA Ratings
Health	1	1
Flammability	0	0
Reactivity	0	0

**SARA Title III:**

**302/304** *Zinc oxide (<1%), a component of this product is listed.*

**311/312** *Acute delayed health hazard.*

**313/372** *Contains no Section 313 notification chemicals at or above the de minimus concentration.*

**TSCA Status:** *This Product and its components are listed on the TSCA 8(b) inventory. None of the components listed on the TSCA Export Notification 12(b) list.*

## Section 16 – Other Information

**MSDS Status** Revised Sections: All

**LIMITED WARRANTY:** *All goods sold by DXSeal, inc. are warranted to be free from defects in material and workmanship for a period of thirty (30) days from the date goods are shipped. Damage due to misuse, field alterations, lack of maintenance, improper storage, neglect, accident, or any other reason of any description whatsoever not under the control of DXSeal, inc. is EXCLUDED FROM THIS LIMITED WARRANTY. Any claim by Buyer with reference to the goods sold herein shall be deemed waived by Buyer, unless submitted to DXSeal, inc. in writing, within thirty (30) days from the date Buyer discovered or should have discovered, any claimed breach. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION HEREINABOVE.*

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