

## Section 1 – Chemical Product and Company Identification

**Product Name:** Style DX 880 Compressed Non-Asbestos Sheet

**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**

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**Preparation Date:** March 11, 2010

**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/m3	1-15%
Aluminum Silicate	1335-30-4	N/A	10 mg/m3	5-25%
Calcium Metasilicate	13983-17-0	N/A	10 mg/m3	40-60%
Aramid Fiber	26125-61-1	N/A	N/A	1-15%
Mineral Fiber	65997-17-3	N/A	10 mg/m3	1-10%

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

## Section 3 – Hazards Identification

**Appearance and Odor:** Blue 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>	Blue	<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)*

	<b>HMIS Ratings</b>	<b>NFPA Ratings</b>
<i>Health</i>	1	1
<i>Flammability</i>	0	0
<i>Reactivity</i>	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

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