

## Section 1 – Chemical Product and Company Identification

**Product Name:** Style DX Alltra 440 PTFE Sheet

**Product Use:** *Gasketing Product*

**Manufacturer Information:** DXSeal, Inc.

*DXSeal, Inc.*

*P.O. Box 223*

*Vienna, OH 44473*

*(330) 856-4635*

*Emergency Contacts: Kathy Thomas*

**Prepared By**

*Rebecca Wentzel*

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**Preparation Date:** *November 5, 2006*

**Supercedes:**

## Section 2 – Composition/Ingredient Information

Component/Ingredient	CAS #	OSHA PEL	ACGIH PEL	Percent by Weight
Hollow glass microsphere	1344-09-8 7775-19-1	---	10 mg/m3	10-20
PTFE Resin	9002-84-0	---		80-90
Inorganic Pigment				.1-1

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

## Section 3 – Hazards Identification

**Appearance and Odor:** *Blue colored sheet / no odor*

**Route(s) of Entry:**

**Inhalation:** *NA*

**Skin Contact:** *NA*

**Ingestion:** *NA.*

**Eye Contact:** *NA*

**Health Hazards (Acute and Chronic):** *Product does not pose a health hazard under normal conditions of use.*

**Carcinogenicity:** NTP-No\*

IARC-No\*

OSHA-No\*

### 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:** *DX Alltra 440 is flame resistant. If an ignition source is present, Alltra will burn in atmospheres containing at least 95% oxygen. When flame is applied to Alltra in air, it will ignite due to gaseous decomposition, but will not continue to burn once the flame is removed.*

**Extinguishing Media:** *Dry chemical, foam, carbon dioxide, and water fog.*

**Fire Fighting Instructions:** *Self-contained breathing apparatus should be worn. Use normal fire fighting procedures. Neoprene or other impervious gloves should be worn when handling refuse from a fire due to the possible presence of hydrofluoric acid.*

### Section 6 – Accidental Release Measures

**Containment Procedures:** *Pick up any large pieces.*

**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 in un-opened containers under cool and dry conditions.

**Storage Temperature:** Not Determined

**Loading Temperature:** Not Applicable

### Section 8 – Exposure Controls / Personal Protection

**Engineering Controls:** Over exposure to thermal decomposition may cause temporary symptoms of polymer fume fever. Some symptoms may be delayed 1 to 2 days. If overcome by thermal decomposition due to fire, remove patient to fresh air.

**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:** If airborne dust is present, use a NIOSH approved particulate respirator. (3M 8710)

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

Hazardous Ingredients    OSHA PEL    ACGIH TLV    Other

### Section 9 – Physical and Chemical Properties

<b>Appearance</b>	Medium Blue- Sheet	<b>Odor</b>	None
<b>Physical State</b>	Gasketing Sheet	<b>pH in water</b>	7
<b>Vapor Density</b>	Not Applicable	<b>Melting Point</b>	327°C / 620°F
<b>Vapor Pressure</b>	Not Applicable	<b>Freezing Point</b>	Not Applicable
<b>Specific Gravity</b>		<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>	Not Applicable

## Section 10 – Chemical Stability & Reactivity Information

**Stability:** *Stable – Direct flame will ignite product. Avoid heating product above 500°F without adequate ventilation. Shelf life is measured in years.*

**Reactivity Hazards:** *: In service, avoid incompatible media such as molten alkali metals, fluorine, and certain fluorine bearing compounds.*

**Decomposition:** *Decomposition when burned, this material will release tetrafluoroethylene carbonyl fluoride, perfluorocarbon, olefins, and possibly some hydrogen fluoride.*

**Incompatible Material:** *In service, avoid incompatible media such as molten alkali metals, fluorine, and certain fluorine bearing compounds.*

**Hazardous Polymerization:** *May occur*

## Section 11 – Toxicological Information

### Acute Toxicity:

**A) General Product Information:** *As a general practice, individuals working with or handling this product should not smoke.*

### B) Component Analysis:

**Component Carcinogenicity:** *None known*

### Irritancy of the Product:

**Acute Inhalation:**

**Skin Contact:**

## 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) 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:** *The Following Components appear on one or more of the state hazardous substance list:*

Component	CAS#	CA	FL	MA	MN	NJ	PA

**Other Regulations:**

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

**B) 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.*

**C) Component Analysis - Inventory**

Component	CAS#	TSCA	DSL	ELNCS

**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.*