

Section 1 – Chemical Product and Company Identification

Product Name: Style DX Alltra 480 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

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(330) 856-4635

Preparation Date: *November 5, 2006*

Supercedes:

Section 2 – Composition/Ingredient Information

Component/Ingredient	CAS #	OSHA PEL	ACGIH PEL	Percent by Weight
Barium Sulfate	---	---	10 mg/m3	<40
PTFE Resin	9002-84-0	---		>60

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

Section 3 – Hazards Identification

Appearance and Odor: *Off-white 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

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

General Fire Hazards: *DX Alltra 480 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

Appearance	Off-White Sheet	Odor	None
Physical State	Gasketing Sheet	pH in water	7
Vapor Density	Not Applicable	Melting Point	327°C / 620°F
Vapor Pressure	Not Applicable	Freezing Point	Not Applicable
Specific Gravity	2.88	Solubility	Insoluble
Odor Threshold	Not Applicable	Boiling Point	Not Applicable
Evaporation Rate	Not Applicable	Volatiles (By Weight)	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.