



Material Safety Data Sheet

CHEMTREC Transportation
Emergency Phone: 800-424-9300

Pittsburgh Poison Control Center
Health Emergency No.:
412-681-6669

NOTE: The CHEMTREC Transportation
Emergency Phone is to be used only in the
event of chemical emergencies involving a spill,
leak, fire, exposure or accident involving
chemicals

Section 1 - Chemical Product / Company Information

Product Name: A/D FIREBARRIER Pillow
Revision Date: 08/26/2010
Identification Number: 06AD0000007
Supercedes : 05/10/2010
Product Use/Class: FOR INDUSTRIAL USE ONLY
Preparer: Technical Service Department
Manufacturer: A/D Fire Protection Systems Inc.
420 Tapscott Rd.
Scarborough, Ontario
M1B 1Y4
Tel. No. (800) 263-4087, (416) 292-2361
Fax No. (416) 298-5887

Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA-CEIL
GRAPHITE (NATURAL)	7782-42-5	20.0	2.0 mg/m3	N/E	2.5 mg/m3	N/E
SILICA, CRYSTALLINE FREE	112945-52-5	5.0	N/E	N/E	N/E	N/E
Sodium Octaborate Tetrahydrate	12008-41-2	5.0	2 mg/m3	6 mg/m3	N/E	N/E

Section 3 - Hazards Identification

Emergency Overview: Under normal use conditions, this product is not expected to cause adverse health effects.

Effects Of Overexposure - Eye Contact: No health effects are expected.

Effects Of Overexposure - Skin Contact: No health effects are expected.

Effects Of Overexposure - Inhalation: No health effects are expected.

Effects Of Overexposure - Ingestion: No health effects are expected.

Effects Of Overexposure - Chronic Hazards: There are no known health effects associated with chronic exposure to this product.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

Medical Conditions Prone to Aggravation by Exposure: None.

Section 4 - First Aid Measures

First Aid - Eye Contact: No need for first aid is anticipated.

First Aid - Skin Contact: No need for first aid is anticipated.

First Aid - Inhalation: No need for first aid is anticipated.

First Aid - Ingestion: No need for first aid is anticipated.

Section 5 - Fire Fighting Measures

Flash Point, F: N.D.
(No Flashpoint Method Specified)

Lower Explosive Limit, %: N.D.
Upper Explosive Limit, %: N.D.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: None known.

Special Firefighting Procedures: Use a self-contained breathing apparatus (SCBA) in a sustained fire.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Use personal protective equipment as necessary.

Section 7 - Handling And Storage

Handling: No special handling procedures are required for this material.

Storage: Store under ambient conditions.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Not Applicable

Respiratory Protection: Under normal conditions, airborne concentrations are not expected to be significant enough to require respiratory protection.

Skin Protection: Not applicable. Gloves are not required.

Eye Protection: Recommend safety glasses with side shields or chemical goggles to avoid eye contact.

Other protective equipment: No Information.

Hygienic Practices: Handle in accordance with good industrial hygiene and safety practices.

Section 9 - Physical And Chemical Properties

Boiling Range:	N/A - .	Vapor Density:	N/A
Odor:	Low odor	Odor Threshold:	N.E.
Appearance:	Grey/brown blankets separated by strips of dark grey with black specs	Evaporation Rate:	
Solubility in H2O:	Insoluble	Specific Gravity:	1.250
Freeze Point:	N/A	PH:	N/D
Vapor Pressure:	N/A		
Physical State:	Solid		

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: None

Incompatibility: No Information.

Hazardous Decomposition Products: None are known.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section 11 - Toxicological Information

Product LD50: N/D

Product LC50: N/D

Chemical Name	CAS Number	LD50	LC50
GRAPHITE (NATURAL)	7782-42-5	NOT AVAILABLE	NOT AVAILABLE
SILICA, CRYSTALLINE FREE	112945-52-5	>10000 Mg/Kg, Oral, Rat	0.139 mg/L/ 4h Rat, Inh
Sodium Octaborate Tetrahydrate	12008-41-2	2.55 g/kg	NOT AVAILABLE

Section 12 - Ecological Information

Ecological Information: No Information.

Section 13 - Disposal Information

Disposal Information: Dispose of material in accordance with applicable federal, state and local regulations.

Section 14 - Transportation Information

DOT Proper Shipping Name:	Not Regulated	Packing Group:	N/A
DOT Technical Name:	N/A	Hazard Subclass:	N/A
DOT Hazard Class:	N/A	Resp. Guide Page:	N/A
DOT UN/NA Number:	N/A		

Section 15 - Regulatory Information

CERCLA - SARA HAZARD CATEGORY

This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

None

TOXIC SUBSTANCES CONTROL ACT

All components of this product are listed on the TSCA inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) Substances exist in this product

U.S. STATE REGULATIONS AS FOLLOWS:

NEW JERSEY RIGHT-TO-KNOW

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS Number</u>
Silicone	NA
Melamine	108-78-1
Polydimethyl Siloxane	63148-62-9
Silicone	TRADE SECRET

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS Number</u>
Silicone	NA
Melamine	108-78-1
Polydimethyl Siloxane	63148-62-9
Silicone	TRADE SECRET
Calcium Carbonate	471-34-1
SULFURIC ACID	7664-93-9

CALIFORNIA PROPOSITION 65

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS Number</u>
MICROCRYSTALLINE SILICA	14808-60-7

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:

No California Proposition 65 Reproductive Toxins exist

INTERNATIONAL REGULATIONS AS FOLLOWS:

CANADIAN WHMIS

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: Class D, Division 2

Section 16 - Other Information

HMIS Ratings

Health: 2 **Flammability:** 0 **Reactivity:** 0 **Personal Protection:** X

VOLATILE ORGANIC COMPOUNDS, GR/LTR MIXED (UNTHINNED): 0

REASON FOR REVISION: Changed to 16 Section Format

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.