



# 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 Mineral Wool  
**Revision Date:** 03/04/2010  
**Identification Number:** 05AD0001000  
**Supercedes :** 10/14/2008  
**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
Mineral Wool	65997-17-3	100.0	10 mg/m <sup>3</sup>	N/E	5 mg/m <sup>3</sup> respirable	N/E

## Section 3 - Hazards Identification

**Emergency Overview:** Acrid smoke may be generated in a fire. Exposure to dust may be irritating to eyes, nose and throat.

**Effects Of Overexposure - Eye Contact:** Dust and fibers may cause temporary mechanical irritation to the eyes.

**Effects Of Overexposure - Skin Contact:** Dust and fibers may cause temporary mechanical irritation to the skin.

**Effects Of Overexposure - Inhalation:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

**Effects Of Overexposure - Ingestion:** Ingestion of this material is unlikely.

**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:** No Information.

## Section 4 - First Aid Measures

**First Aid - Eye Contact:** Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

**First Aid - Skin Contact:** Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation, do not rub or scratch irritated areas. Rubbing and scratching may force fibers into skin. Seek medical attention if irritation persists.

**First Aid - Inhalation:** Move person to fresh air. Seek medical attention if irritation persists.

**First Aid - Ingestion:** Ingestion of this material is unlikely. If it does occur, observe individual for several days to insure that intestinal blockage does not occur.

## 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:** May release acrid smoke in a sustained fire. The organic binder will release toxic fumes and smoke when oxidized. Ventilation is recommended on initial equipment start up.

**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:** Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick up residues. Wash down area thoroughly with water. Dispose of material in accordance with all federal, state, and local regulations. Use personal protective equipment as necessary.

## Section 7 - Handling And Storage

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

**Storage:** Keep Dry. Keep containers closed when not in use. Store in a cool, dry place with adequate ventilation

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** General ventilation should be provided to maintain ambient concentrations below nuisance levels.

**Respiratory Protection:** A properly fitted NIOSH/MSHA approved disposable dust respirator should be used when high dust levels are encountered; the level of fibers in the air exceeds the OSHA permissible limits; or if irritation occurs.

**Skin Protection:** Loose fitting long-sleeved shirt that covers to the base of the neck, long pants, and gloves should be worn. Skin irritation is known to occur chiefly at pressure points such as around neck, wrist, waist and between fingers.

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

**Other protective equipment:** Eye wash and safety showers should be readily available.

**Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practices. These practices include: avoiding unnecessary exposures to dusts and fibers by using good local exhaust ventilation; removal of the material from the skin and eyes after exposure; removal of material from clothing (Use vacuum equipment to remove fibers and dusts from clothing. Compressed air should never be used. Always wash contaminated work clothes separately from other laundry and wipe out washer / sink to prevent loose fibers from getting on other articles); keep the work area clean of dusts and fibers generated during fabrication (Use vacuum equipment to clean up dusts and fibers. Avoid sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air.) and; have access to safety showers and eye wash stations.

## Section 9 - Physical And Chemical Properties

<b>Boiling Range:</b>	985° C (1800°F) - 985° C (1800°F)	<b>Vapor Density:</b>	N/A
<b>Odor:</b>	Low odor	<b>Odor Threshold:</b>	N.E.
<b>Appearance:</b>	White to gray fibrous nodules	<b>Evaporation Rate:</b>	N/A
<b>Solubility in H2O:</b>	N/A		
<b>Freeze Point:</b>	N/A	<b>Specific Gravity:</b>	0.064
<b>Vapor Pressure:</b>	N/A	<b>PH:</b>	N/A
<b>Physical State:</b>	Solid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

**Conditions To Avoid:** Keep Dry. Material becomes hard and unusable when exposed to water.

**Incompatibility:** Keep away from acids.

**Hazardous Decomposition Products:** Carbon monoxide, nitrogen oxides, and unidentified organic compounds. Consider all smoke and fumes from burning material as very hazardous. Welding, cutting or abrasive grinding can create smoke and fumes. Do not breathe any fumes or smoke from these o

**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

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Mineral Wool	65997-17-3	>5000 mg/kg .	NOT AVAILABLE .

## Section 12 - Ecological Information

**Ecological Information:** No data

## Section 13 - Disposal Information

**Disposal Information:** Dispose of in accordance with State, Local, and Federal Environmental regulations. Responsibility for proper waste disposal is with the owner of the waste.

## Section 14 - Transportation Information

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

<u>Chemical Name</u>	<u>CAS Numbers</u>
Mineral Wool	65997-17-3

### 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.

#### PENNSYLVANIA RIGHT-TO-KNOW

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

## CALIFORNIA PROPOSITION 65

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

**Chemical Name**

Mineral Wool

**CAS Number**

65997-17-3

**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:** Changes made in Section(s): 2, 3, 4, 5, 7, 8, 10, 11, and 15

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

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