



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 Southwest Type 5MD
Identification Number: 25AD5MD1006
Product Use/Class:

Revision Date: 11/13/2006
Supercedes : 07/18/2006

Manufacturer: A/D Fire Protection Systems Inc.
420 Tapscott Rd.
Scarborough, Ontario
M1B 1Y4

Preparer: Technical Service Department
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 |
|------------------------------------|-------------|--------------------|-------------------------------------|----------------|--------------|-----------|
| Gypsum | 10101-41-4 | 70.0 | 15 mg/m ³ total dust | N/E | N/E | N/E |
| Vermiculite (refined & exfoliated) | 01318-00-9 | 30.0 | 15 mg/m ³ total dust | N/E | N/E | N/E |
| Paper Cellulose | 09004-34-6 | 5.0 | 5 mg/m ³ respirable dust | N/E | N/E | N/E |
| CALCIUM CARBONATE | 001317-65-3 | 5.0 | 3 MGM3 | N/E | 5 MGM3 | NE |

Section 3 - Hazards Identification

Emergency Overview: No Information.

Effects Of Overexposure - Eye Contact: May cause eye irritation.

Effects Of Overexposure - Skin Contact: May cause skin irritation.

Effects Of Overexposure - Inhalation: No Information.

Effects Of Overexposure - Ingestion: No Information.

Effects Of Overexposure - Chronic Hazards: No Information.

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: If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

First Aid - Skin Contact: In case of contact, wash skin immediately with soap and water.

First Aid - Inhalation: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

First Aid - Ingestion: If swallowed do not induce vomiting. Seek immediate medical attention.

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: No Information.

Special Firefighting Procedures: No Information.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: No Information.

Section 7 - Handling And Storage

Handling: Do not get in eyes, on skin, or on clothing. Keep container tightly closed when not in use. Wear personal protection equipment. Do not breathe vapors. Wash thoroughly after handling. If pouring or transferring materials, ground all containers and tools. Do not weld, heat, cut or drill on full or empty containers. Use only in accordance with Carboline application instructions, container label and Product Data Sheet.

Storage: No Information.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use explosion-proof ventilation when required to keep below health exposure guidelines and Lower Explosion Limit (LEL).

Respiratory Protection: Dust masks recommended, however in confined areas or areas with poor ventilation, use NIOSH approved Organic Vapour Cartridge type respirators or MSHA/NISOH approved supplied air respirator. Follow all current OSHA requirements for respirator use.

Skin Protection: Recommend impervious gloves and clothing to avoid skin contact. If material

penetrates to skin, change gloves and clothing. The use of protective creams may be beneficial to certain individuals. Protective creams should be applied before exposure.

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: Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Use of a hand cleaner is recommended. Launder contaminated clothing before reuse. Leather shoes can absorb and allow hazardous materials to pass through. Check shoes carefully after soaking before reuse.

Section 9 - Physical And Chemical Properties

| | | | |
|---------------------------|---------------------|--------------------------|-------------------|
| Boiling Range: | N/A - N/A | Vapor Density: | N/A |
| Odor: | Low odor | Odor Threshold: | N.E. |
| Appearance: | Gray powder mixture | Evaporation Rate: | N/A |
| Solubility in H2O: | Slight | | |
| Freeze Point: | N/A | Specific Gravity: | 1.920 |
| Vapor Pressure: | N/A | PH: | 6 to 8 (in water) |
| Physical State: | Powder | | |

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: No Information.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: None.

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> |
|------------------------------------|-------------------|---------------|---------------|
| Gypsum | 10101-41-4 | N/E . | N/E . |
| Vermiculite (refined & exfoliated) | 01318-00-9 | N/E . | N/E . |
| Paper Cellulose | 09004-34-6 | N/E . | N/E . |
| CALCIUM CARBONATE | 001317-65-3 | NOT AVAILABL. | NOT AVAILABL. |

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

| | | | |
|----------------------------------|---------------|-------------------------|-----|
| 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 | N/A |
| DOT UN/NA Number: | N/A | Page: | |

Section 15 - Regulatory Information

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):

REASON FOR REVISION: Changed to 16 Section Format

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

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