

SECTION I - PRODUCT INFORMATION

- Trade Name and Synonyms:
A/D FIREFILM® III & A/D FIREFILM® PUTTY, intumescent fireproofing, fireproofing paint.
- Manufacturer's/Supplier's Name and Address
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
Prepared by: Technical Service Department
- Chemical Name and Synonyms
Coating based on latex aqueous dispersion.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS INGREDIENTS	%	CAS NO.	ACGIH TLV	LD50
Melamine	1-10	0108-78-1	Not established	3.16 g/kg, acute oral/rat
Chlorinated Paraffin	0.1-5	63449-39-8	Not established	>4 g/kg, acute oral/rat

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

- Boiling Point: 100°C/212°F
- Freezing Point: 0°C/32°F
- Vapor Pressure (mmHg): 17 @ 20°C
- Vapor Density (Air = 1): <1
- % Volatile by Volume: 35 +/- 2 (30 +/- 2 for Putty)
- Specific Gravity (Water = 1): 1.42 (1.47 for Putty)
- Solubility in Water: Dilutable
- Solubility in Other Solvents: Not established
- Evaporation Rate (Butyl Acetate=1): <1
- Appearance and Odor: Liquid, white paint, mild ammonia odour
- Odor Threshold: Not established
- pH: 7.4 to 9.0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

- Flammability: None
- Flash Point: Not applicable
- Lower Flammable Limit: Not applicable
- Upper Flammable Limit: Not applicable
- Autoignition Temperature: Not applicable
- Fire Extinguishing Agents: Not applicable
- Fire Fighting Procedures: Wear positive pressure self-contained NIOSH approved breathing apparatus.

SECTION V - REACTIVITY DATA

- Product Stability: Stable
- Incompatible Materials: Contact with strong oxidizing agents may generate Ammonia gas
- Hazardous Decomposition Products: Thermal decomposition may generate oxides of nitrogen, ammonia and compounds of phosphorous.
- Hazardous Polymerization: Will not occur

SECTION VI - TOXICOLOGICAL DATA

Primary Routes of Entry: Inhalation, ingestion, skin and eye contact.

Acute Exposure: Trace component and residual monomer vapours from latex may be irritating to eyes, mucous membranes, respiratory tract and may produce symptoms of headache and nausea in poorly ventilated areas. Direct contact with eye may cause irritation of the eye.

Chronic Exposure: Prolonged contact may cause transient reddening of the skin.

SECTION VII - PREVENTATIVE MEASURES

1. Respiratory Protection: Dust masks recommended however, in confined areas or areas with poor ventilation, use NIOSH approved Organic Vapour Cartridge type respirators.
2. Gloves: Use gloves impervious to water and soap.
3. Eye Protection: Safety glasses and/or safety goggles and available eyewash.
4. Ingestion: Do not ingest.

SECTION VIII - FIRST AID MEASURES

1. Inhalation: Remove from exposure area. If symptoms persist, obtain medical attention.
2. Skin Contact: Remove contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Contaminated clothing should be laundered before re-use. If symptoms persist, obtain medical attention.
3. Eye Contact: Immediately flush the contaminated eye(s) with water until water is no longer cloudy. Seek medical attention where irritation occurs.
4. Ingestion: Seek medical attention where large amounts ingested and/or where irritation occurs.

Use normal personal hygiene after contact to remove material contaminants.

SECTION IX – PRECAUTIONS FOR SAFE HANDLING AND USE

1. Steps to be taken in case material is released or spilled:
Restrict area to only those personnel needed. Contain leak or spill. Major spills should be collected for disposal. Wear appropriate protective gear. Clean-up residue with absorbent material. Do not release into sewers or waterways.
2. Engineering Controls Required:
General mechanical room ventilation is expected to be satisfactory. Use local exhaust if needed to control mist or vapour.
3. Waste Disposal Method:
Disposal should conform to local, provincial/state and/or federal laws and regulations.
4. Storage Requirements:
Maintain good housekeeping to prevent leaks or spills. Store in sealed containers. Store above 5°C to prevent freezing. Do not store with strong alkali or acids
5. Handling Procedures, Equipment and Shipping Info.:
Keep containers closed. Handle and open containers with care. Avoid splashing the liquid. Forms slippery/ greasy film with water.

Use normal personal hygiene to remove material contaminants.

SECTION X – REGULATORY CLASSIFICATION

WHMIS Classification: 1. CLASS D - Poisonous and Infectious Material
Division 2 - Other Toxic Effects

TDG Information: Not regulated in Canada.

SECTION XI - SOURCES USED

Material Safety Data Sheets from ingredient suppliers.

APPENDIX A

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. VENDOR SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. In no event shall the vendor be liable for special, indirect or consequential damages.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.