

MATERIAL SAFETY DATA SHEET A/D FIREBARRIER PUTTY PADS/PUTTY

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SECTION I - PRODUCT INFORMATION

- Trade Name and Synonyms:
A/D FIREBARRIER PUTTY PADS/PUTTY, intumescent firestop pad.
- Manufacturer's/Supplier's Name and Address
A/D Fire Protection Systems
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

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS

| <u>INGREDIENT</u> | <u>% by Weight</u> | <u>CAS NO.</u> | <u>ACGIH TLV</u> | <u>LD50</u> |
|--------------------------------|--------------------|----------------|------------------|-----------------------|
| Calcium Borate | ----- | 12007-56-6 | Not Established | oral-rat:: 5600 mg/kg |
| Isodecyldiphenyl Ester | ----- | 29761-21-5 | Not Established | oral-rat:: N/D |
| Polyphosphoric | ----- | 68333-79-9 | Not Established | oral-rat:: N/D |
| Triazine Triamine Phosphate | ----- | 41583-09-9 | Not Established | oral-rat:: N/D |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

- Appearance: Orange
- Odor: Mild
- Specific Gravity: 1.48
- Boiling Point: N/A
- Melting Point: N/A
- Solubility in Water: No effect
- Vapour Density: N/A
- Vapour Pressure (mm Hg): N/A
- Evaporation Rate (ethyl acetate =1): N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

- Flammability: None
- Conditions of Flammability: N/A.
- Flash Point: N/A
- Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide, Dioxide, and Nitrogen Oxides.

SECTION V - REACTIVITY DATA

- Product Stability: Stable
- Hazardous Polymerization: Will not occur
- Incompatible Materials: None Known
- Hazardous Decomposition Products: CO, CO2 and fragmented hydrocarbons
- Conditions to avoid: None

SECTION VI - TOXICOLOGICAL DATA

A. Effects of Chronic Exposure

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

B. Effects of Acute Exposure

Skin contact Exposure may result in irritation, inflammation, rash or itching.
Skin absorption No data
Eye contact Exposure may result in irritation, inflammation, rash or itching.
Inhalation Possible irritation to mucus membranes of the mouth, throat, and stomach.
Ingestion Not a respiratory irritant

SECTION VII - PREVENTATIVE MEASURES

1. Protective Gear:

- Respiratory Protection: None required
Eye/Face Protection: Safety glasses (ANSI Z-87.1 or equivalent)
Skin Protection: Rubber gloves coveralls, apron may be used to prevent contamination of skin or clothing.

2. Resistance of Materials for

- Protective Clothing: No specific data. Most rubbers and plastics are adequate.
Ventilation Requirements: Local exhaust is acceptable.

SECTION VIII - FIRST AID PROCEDURES

1. Eyes: Flush eyes immediately with large amounts of lukewarm water for at least 15 minutes. Eyelids should be held away from eyeball to ensure thorough rinsing. Do not rub eyes.
2. Skin: Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes).
3. Inhalation: Not a respiratory irritant
4. Ingestion: Get medical attention. Induce vomiting only if instructed by physician. Give large quantities of water or milk. Never give anything by mouth if the victim is unconscious.

Seek medical attention where irritation persists.

SECTION IX - PRECAUTIONS FOR SAFE HANDLING AND USE

1. Steps to be taken in case material is released or spilled:
Clean all spills to prevent footing hazard. Do not dispose in sewer, drains, waterways and soil.
2. Waste Disposal Method:
Disposal should conform to local, provincial/state, federal laws & regulations.
3. Precautions to be taken in handling and storing:
Store in a dry, well-ventilated area. Keep containers closed when stored and when not being used. Keep from freezing. Do not store below 40°F (5°C)

Use normal personal hygiene to remove material contaminants.

SECTION X - REGULATORY CLASSIFICATION

- WHMIS Classification: Non-Regulated
TDG Information: Non-Regulated
DOT: Non-Regulated
OCEAN (IMDG): Non-Regulated
AIR (IATA): Non-Regulated
WHMIS (CANADA): Non-Regulated

SECTION XI – SOURCES USED

Material Safety Data Sheets from raw material 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.