

# MATERIAL SAFETY DATA SHEET

**Product:** Pyro-Putty 950  
**Revision Date:** 1/03/2012

## 1. MATERIAL IDENTIFICATION

**Product Name:** Pyro-Putty 950  
**Product Description:** Grey-Silver Paste with Aromatic Odor

**Manufacturer:** Aremco Products, Inc.  
707-B Executive Blvd.  
Valley Cottage, NY 10989

**Telephone:** 845-268-0039  
**Emergency Phone:** 845-268-0039 or Infotrac (24/7) 800-535-5053

## 2. COMPOSITION

Ingredient	CAS #	ACGIH TLV (mg/m <sup>3</sup> )	OSHA PEL (mg/m <sup>3</sup> )
Vehicle, 3 Pentabecyl Phenol	501-24-6	N/A	N/A
Vehicle, 5 Pentabecyl Phenol	3158-56-3	N/A	N/A
Stoddard Solvent	8052-41-3	572	2900
Aluminum Paste	7429-90-5	1	15T 5R
Kaolin	1332-58-7	10	15T 5R
Cellulose	9004-34-6	N/A	N/A
Refractories, Fibers, Aluminosilicate	142844-00-6	N/A	N/A

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Silver-grey, aromatic paste. May cause irritation to eyes, skin, and digestive tract.

**Eye Contact:** May cause irritation to the eyes such as redness, pain and tearing.

**Skin Contact:** May cause irritation to the skin and rashes in some persons.

**Inhalation Acute:** Burning materials may cause irritation to throat and upper respiratory track; avoid vapors.

**Ingestion Acute:** May cause irritation to mouth, esophagus, and stomach resulting in diarrhea, nausea or vomiting.

**Chronic Hazards:** No known chronic hazards.

**Physical Hazards:** None determined.

**HMIS:**

Health:	2
Flammability:	1
Reactivity:	0

## 4. FIRST AID MEASURES

**Eye Exposure:**  
Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If a physician is not immediately available, eye irrigation should be continued for an additional 15 minutes.

**Skin Exposure:**  
Immediately wipe excess material off skin with a dry cloth; wash with waterless hand cleaner then plenty of soap and water for at least 5 minutes. See medical attention if irritation develops or persists. Remove contaminated clothing and shoes and clean thoroughly before re-use.

**Inhalation:**  
Remove from immediate source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR). If breathing is difficult, administer oxygen if available. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention immediately. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

**Medical Conditions Possibly Aggravated by Exposure:**

Inhalation of burning product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

**5. FIRE FIGHTING MEASURES**

**Flash Point:** 195 °F (closed cup).

**Flammable Limits:** N/A.

**Extinguishing Media:** Chemical foam or carbon dioxide.

**Special Fire Fighting Procedures:** Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.

**Unusual Fire and Explosion Hazards:** Avoid vapors from burning materials.

**Hazardous Decomposition Materials:** Carbon monoxide, carbon dioxide.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Protection:** Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. Use NIOSH approved respirator where mist occurs.

**Spill Cleanup:** Mop or sweep up paste; dissolve residue with paint thinner or mineral spirits. Dispose in accordance with federal, state and local regulations.

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Keep container closed. Promptly clean any residue or spills.

**Storage:** Store in an area that is cool, dry, well ventilated, away from combustible material, and away from ignition sources. Keep containers closed. Store in clean plastic or metal containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

**Respiratory Protection:** If exposure limits are exceeded and local ventilation is unavailable, a supplied-air respirator or a self-contained NIOSH-approved dust and mist respirator is required.

**Skin Protection:** Wear body-covering protective clothing and gloves.

**Eye Protection:** Wear chemical goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical and chemical here represent typical properties of this product. Contact Technical Sales for exact specifications.

**Appearance:** Viscous Fibrous Paste  
**Color:** Silver-grey  
**Odor:** Aromatic, Mineral Spirits  
**Specific Gravity, g/cc** 1.09  
**Water Solubility:** Not Soluble  
**Melting Point:** Not available  
**Boiling Point:** 375 °F  
**Vapor Pressure:** ~ 8.3 mm Hg @ 77 F  
**Vapor Density (air=1):** > 1  
**Evaporation Rate (Butyl Acetate = 1)** 70%  
**VOC Content, g/l:** Not Established

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** This material is stable under all conditions of use and storage.  
**Conditions to Avoid:** None.  
**Materials to Avoid:** None.  
**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide, Hydrocarbons.  
**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity Data:** Not available  
**Chronic Toxicity Data:** Not available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not tested  
**Environmental Fate:** Not tested

## 13. DISPOSAL CONSIDERATIONS

**Disposal Method:** Dispose in accordance with federal, state and local regulations and permits.

## 14. TRANSPORTATION INFORMATION

**DOT UN Status:** The material is not a regulated hazardous material for transportation.

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

**CERCLA:** No CERCLA reportable quantity has been established for this material.

**TSCA:** All ingredients of this material are listed on the TSCA inventory.

### **SARA Title III**

**Sections 302, 304, 313:** **Chemical Name:** Aluminum Paste  
**CAS No:** 7429-90-5

### **Sections 311, 312:**

<u>Hazard Classes</u>	<u>Yes/No</u>
Fire Hazard	No
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	No
Delayed Hazard	No

<u>International Inventory</u>	<u>Status</u>
Canada (DSL)	Yes
Europe (EINECS/ELINCS)	Yes
Australia (AICS)	Yes
Japan (MITI)	Yes
South Korea (KECL)	Yes

## 16. OTHER INFORMATION

**NFPA:** Health: 2  
Flammability: 1  
Reactivity: 0

### Key Legend Information

ACGIH	American Conference of Governmental Industrial Hygienists
ARD	International Agency for Research on Cancer
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
DSL	Domestic Substance List
HMIS	Hazardous Materials Identification System
ND	Not Determined
NE	Not Established
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
SARA	Superfund Amendments & Reauthorization Act
SARA Title III	Emergency Planning & Community Right to Know Act
SARA Section 302	Extremely Hazardous Substances
SARA Section 304	Emergency Release
SARA Section 311	MSDS/List of Chemicals & Hazardous Inventory
SARA Section 312	Emergency & Hazardous Inventory
SARA Section 313	Toxic Chemicals & Release Reporting
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

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