

SAFETY DATA SHEET

Product: 950
Revision Date: 10/01/2015

1. MATERIAL IDENTIFICATION

Product Name: Pyro-Paint 950
Product Description: Grey-Silver Paste with Aromatic Odor
Product Use: High Temperature Sealant

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. HAZARDS IDENTIFICATION

GHS Classification:

Skin Irritation	Category 2
Skin Sensitization	Category 1
Eye Damage	Category 1
Eye Corrosion	Category 2A
Skin corrosion	Category 3
Acute Toxicity, Oral	Category 4
Acute Toxicity, Inhalation	Category 4

GHS Label:

This material is an irritant, skin and eye corrosive, and may cause drowsiness/dizziness, or be fatal if swallowed and enters airways in its supplied form (viscous paste). Respirable dust may only be present at the end of the product lifecycle and is not a consideration as supplied since the product is manufactured and transported as a viscous paste.



GHS Signal Word:

Danger

GHS Hazard Determining Components:

Vehicle, 3 Pentabecyl Phenol
Vehicle, 5 Pentabecyl Phenol
Medium Aliphatic
Light Aromatic
Kaolin
Refractories, Fibers, Aluminosilicate
Benzyl Alcohol
Aluminum (stabilized)
Mineral Oil (USP Grade)

GHS Hazard Statements for Health Hazards:

H302 + H332	Harmful if swallowed or inhaled
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H320	Causes eye irritation
H351	Suspected of causing cancer (inhalation)
H402	Harmful to aquatic life

GHS Precautionary Statements - Prevention:

P101	If medical advice is needed, have Safety Data Sheet at hand.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust, fume, gas, mist, vapors, or spray.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.

GHS Precautionary Statements - Response:

P303 + P361 + P353	IF ON SKIN: Remove contaminated clothing and rinse skin with water.
P333 + P313	If skin irritation or rash occurs, get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash before reuse.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a poison center or physician if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

GHS Precautionary Statements – Storage & Disposal:

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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3. COMPOSITION

Ingredient	CAS No.	EC No.	Concentration	GHS Product Identifier
Vehicle, 3 Pentabecyl Phenol	501-24-6	207-921-9	25.0-40.0%	H302 Acute Toxicity, Oral, Cat 4 H312 Acute Toxicity, Dermal, Cat 4 H332 Acute Toxicity, Inhalation, Cat 4 H315 Skin Irritation, Cat 2 H319 Eye Irritation, Cat 2A H335 STOT, SE, Respiratory, Cat 3
Vehicle, 5 Pentabecyl Phenol	3158-56-3	221-599-7	1.0-10.0%	H317 Skin Sensitization, Cat 1 H318 Eye Damage, Cat 1
Medium Aliphatic, Naphtha	64742-88-7	232-455-8	2.5-15.0%	H224 Flammable Liquid, Cat 1 H304 Aspiration Hazard, Cat 1 H411 Aquatic, Long Term, Cat 2
Light Aromatic, Naphtha	64742-95-6	265-199-0	1.0-5.0%	H226 Flammable Liquid, Cat 3 H304 Aspiration Hazard, Cat 1 H315 Skin Corrosion/Irritation, Cat 2 H340 Germ Cell Mutagenicity, Cat 1B H350 Carcinogenicity, Cat 1B STOT, SE, Respiration, Cat 3 H411, Aquatic Toxicity, Chronic, Cat 2
Kaolin	1332-58-7	310-194-1	20.0-60.0%	H335 STOT, RE; Respiratory Tract Irritation, Cat 3
Alumino-Silicate Fiber	142844-00-6	604-314-4	5.0-20.0%	H315 Skin Corrosion/Irritation, Cat 2 H319 Serious Eye Damage/Eye Irritation, Cat 2A H350 May Cause Cancer by Inhalation, Cat 1B
Benzyl Alcohol	100-51-6	202-859-9	5.0-25.0%	H302 Acute Toxicity, Oral, Cat 4 H332 Acute Toxicity, Inhalation, Cat 4
Aluminum Powder, Stabilized	7429-90-5	231-072-3	1.0-5.0%	H228 Flammable Solids, Cat 1
Mineral Oil	8042-47-5	232-455-8	1.0-5.0%	H304 Aspiration Hazard, Cat 1

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

Extinguishing Media: Chemical foam or carbon dioxide. Do not use water stream or halogenated compounds.
Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide, and Hydrocarbons.
Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing. Do not use water stream as flame may scatter.
Unusual Fire and Explosion Hazards: None.

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.
Small Spill: Ventilate area. Use chemical resistant gloves, safety glasses, and other personal protective equipment. Scoop up material and put into a tightly sealed container. Dispose of in accordance with local sanitary regulations.
Large Spill: Ventilate area. Use chemical resistant gloves, safety glasses, ventilation mask, and other personal protective equipment. Soak up with absorbent material. Scoop up material and put into a container. Dispose of in accordance with local sanitary 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**Components with limit values that require monitoring at the workplace:**

Ingredient	CAS No.	EC No.	TLV (mg/m ³)	PEL (mg/m ³)
Alumino-Silicate, Fiber	142844-00-6	604-314-4	Not established	Not established
Aluminum Powder, Stabilized	7429-90-5	231-072-3	5	5

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. Do not contact skin with material as it may cause a poison ivy type rash in some individuals. Long sleeve shirt of other covering is recommended.
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: Fibrous Paste
Color: Silver-Grey
Odor: Aromatic
Specific Gravity, g/cc 1.07-1.09
Water Solubility: Slight
Vapor Density (air=1): > 1.04
Evaporation Rate (Butyl Acetate = 1) Not Established
VOC Content, g/l: Not Established
Flash Point: > 212 F (TCC Method)

10. STABILITY AND REACTIVITY

Chemical Stability: This material is stable under ordinary conditions of use and storage.
Conditions to Avoid: Avoid exposure of uncured product to high heat or open ignition sources.
Incompatible Materials: Strong acids, caustics, oxidizers, or alkalis. Also avoid halogenated hydrocarbons.
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute: CAS No. 100-51-6, Benzyl Alcohol
Oral LD50 (Rat), 1230
Dermal LD50 (Rabbit), 2000
Inhalation LC50 (Rat), 1000

General Comments: No LD50/LC50 information established relating to normal routes of occupational exposure.

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.
ICAO/IATA Status: Non-Hazardous for transportation, not a regulated substance.

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: This product does not contain any substances reportable under these sections.
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 Ratings (scale 0 – 4)	Health, 2 Flammability, 1 Reactivity, 0 Personal Protection, G	
HMIS Ratings (scale 0 – 4)	Health, 2 Flammability, 1 Reactivity, 0 Personal Protection, G	

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
EC	European Commission
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
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
RE	Repeat Exposure
RTECS	Registry of Toxic Effects of Chemical Substances
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
SE	Single Exposure
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TWA	Time Weighted Average

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