



## Section 1 - Product and Company Identification

<b>Material Name</b>	- <b>2K Epoxy Roof Primer Activator – Part B</b>
<b>Chemical Category</b>	- Activator
<b>Product Code</b>	- AP-298B
<b>Product Description</b>	- Epoxy Primer.
<b>Product Use</b>	- Roof Coating.
<b>Synonyms</b>	- Paint
<b>Manufacturer</b>	- Gardner Gibson 4701 E. 7th Avenue Tampa, FL 33605 United States www.gardner-gibson.com Please use "Contact Us" form on the website
<b>Telephone</b>	813-248-2101
<b>Technical</b>	- 813-248-2101 - Customer Service: 8 AM - 5 PM M-F Eastern Standard Time
<b><u>Emergency</u></b>	- 800-424-9300 - CHEMTREC
<b><u>Emergency</u></b>	- 703-527-3887 - CHEMTREC (Outside US)
<b>Last Revision Date</b>	- 5-18-2015

## Section 2 - Hazards Identification

### GHS HAZARDS AND PRECAUTIONS

#### SIGNAL WORD: WARNING!

*Contains Flammable Petroleum Distillates. Harmful or Fatal if swallowed. Keep away from heat, sparks, and open flame. Avoid prolonged breathing of vapor and use only in adequate ventilation. Repeated and prolonged overexposure to solvent vapor may cause brain and nervous system damage, respiratory tract irritation, dizziness, or loss of consciousness. May cause skin and eye irritation.*

<b>Prevention</b>	Avoid breathing dust, fume, gas, mist, vapors and/or spray. Do not handle until all safety precautions have been read and understood. Keep away from flames and hot surfaces. - No smoking. Use personal protective equipment as required. Keep out of reach of children.
<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
<b>Storage/Disposal</b>	Store in a closed container. Store in a well-ventilated place. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.



<b>Physical Form</b>	- Liquid
<b>Color</b>	- Various
<b>Odor</b>	- Petroleum solvent odor.
<b>Flash Point</b>	- <b>110 F(43.33 C)</b>
<b>OSHA HCS 2012</b>	- Skin Corrosion/Irritation - Category 2, Serious Eye Damage, Eye Irritation - Category 2A,

**WHMIS**

- Class C - Flammable Materials - Division 3, Class D - Poisonous and Infectious Materials - Division 2 - Subdivision A

**GHS**

- R65, R25, R36/37/38, R45
- Skin Corrosion/Irritation - Category 2, Serious Eye Damage, Eye Irritation - Category 2A

**Route Of Entry**

- Inhalation, Skin, Eye, Ingestion/Oral

**Potential Health Effects****Inhalation****Acute (Immediate)**

- May cause irritation. Excessive breathing of high vapor concentration can cause possible unconsciousness and even asphyxiation.

**Chronic (Delayed)**

- Refer to other information found in Section 11-Toxicology.

**Skin****Acute (Immediate)**

- May cause irritation.

**Chronic (Delayed)**

- Repeated and prolonged exposure to the skin may cause dermatitis.

**Eye****Acute (Immediate)**

- May cause irritation.

**Chronic (Delayed)**

- Repeated and prolonged exposure may cause irritation.

**Ingestion****Acute (Immediate)**

- May be harmful or fatal if swallowed.

**Chronic (Delayed)**

- Repeated and prolonged exposure may be harmful.

**Carcinogenic Effects**

- See Section 11 - Toxicological Information for more details.

**Carcinogenic Effects**

	CAS	IARC	NTP

**Section 3 - Composition/Information on Ingredients**

Chemical Name	CAS	%(wt)	LD50/LC50
PCBTF	98-56-6	<21.0%	Ingestion/Oral-Rat LD50 · 11500 mg/kg
Aromatic Hydrocarbon	764742-95-6	<6.0%	Ingestion/Oral-Rat LD50 · 4.7 g/kg
Benzyl Alcohol	100-51-6	<3.0%	Ingestion/Oral-Rat LD50 · 1230 mg/kg
Isophoronediamine	2855-13-2	<20.0%	Ingestion/Oral-Rat LD50 · 1000 mg/kg
Calcium Carbonate	1317-65-3	<30.0%	NDA
Kaolin Clay	1332-58-7	<10.0%	NDA

**This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.**

See Section 11 for Toxicological Information.

**Section 4 - First Aid Measures****Inhalation**

- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. Move victim to fresh air. If breathing is difficult, give oxygen.

- Skin** - IF ON SKIN: Wash with plenty of soap and water. If irritation develops and persists, get medical attention.
- Eye** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion** - If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## Section 5 - Fire Fighting Measures

- Extinguishing Media** - LARGE FIRE: Water spray, fog or regular foam.  
SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
- Unsuitable Extinguishing Media** - Do not use direct stream of water.
- Firefighting Procedures** - Fight advanced or massive fires from safe distance or protected location. Avoid water in a straight hose stream as the stream will cause splatter and spread fire. If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and are ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
- Unusual Fire and Explosion Hazards** - Combustible liquid. May release irritating or toxic gases, fumes, or vapors.
- Hazardous Combustion Products** - Carbon monoxide, carbon dioxide, hydrocarbons.
- Protection of Firefighters** - Firefighters should wear self-contained breathing apparatus and full protective gear.
- Flash Point** - 110°F(43.33°C) CC (Closed Cup)
- Explosion Limits**
- Upper** - 6 %
- Lower** - .9 %
- Autoignition Temperature** - 275 °F

## Section 6 - Accidental Release Measures

- Personal Precautions** - Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stay upwind and Ventilate the area before entry.
- Emergency Procedures** - ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can without risk. Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Keep unauthorized personnel away.
- Environmental Precautions** - Prevent entry into waterways, sewers, basements or confined areas.
- Containment/Clean-up Measures** - Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container. Do not use water to flush spill area. Use appropriate Personal Protective Equipment (PPE).
- Prohibited Materials** - Avoid contact with strong oxidizing agents.

## Section 7 - Handling and Storage

- Handling** - KEEP OUT OF THE REACH OF CHILDREN! Keep away from heat and ignition sources – No Smoking. Use only with adequate ventilation.
- Storage** - Store in a well-ventilated place. Keep container tightly closed. Keep container/package tightly closed in a cool, well-ventilated place. No open flames, no sparks and no smoking.
- Special Packaging Materials** - No data available
- Incompatible Materials or Ignition Sources** - Avoid contact with strong oxidizing agents and acids.

## Section 8 - Exposure Controls/Personal Protection

### Personal Protective Equipment Pictograms



### Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. If listed exposure limits are expected to be exceeded, use approved respiratory protection suitable for the hazard.

### Eye/Face

- Wear ANSI approved safety glasses with side shields or safety goggles.

### Hands

- Wear chemical protective gloves made of Nitrile or Neoprene.

### Skin/Body

- Wear clothing that covers the skin to prevent skin exposure.

### General Industrial Hygiene Considerations

- Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing vapors.

### Engineering

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from fumes and vapors created outdoors.

### Measures/Controls

Exposure Limits/Guidelines					
	Result	ACGIH	Canada Ontario	OSHA	United States - California
PCBTF (98-56-6)	TWAs	2.5 mg/m <sup>3</sup> TWA	2.5 mg/m <sup>3</sup> TWAEV	2.5 mg/m <sup>3</sup> TWA	2.5 mg/m <sup>3</sup> - TWA
Aromatic Hydrocarbon (64742-95-6)	TWAs	100 ppm TWA	100 ppm TWAEV	NDA	100 ppm PEL
Benzyl Alcohol (100-51-6)	TWAs	44.2 mg/m <sup>3</sup> -TWA	40.0 mg/m <sup>3</sup> -TWA	44.2 mg/m <sup>3</sup> -TWA	44.2 mg/m <sup>3</sup> -TWA
Calcium Carbonate (1317-65-3)	TWAs	10 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWAEV	5 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> PEL
Kaolin Clay (1332-58-7)	TWAs	2 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWAEV	15 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA

Exposure Control Notations

ACGIH

### Key to abbreviations

PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## Section 9 - Physical and Chemical Properties

### Physical Form

- Liquid

### Appearance/Description

- Paint

<b>Color:</b> White		<b>Odor:</b> Mild solvent odor.	
<b>Taste:</b> NDA		<b>Odor Threshold:</b> NDA	
<b>Boiling Point:</b>	75 to 150 F	<b>Vapor Pressure:</b>	= 2 mmHg (torr) @ 68 F(20 C)
<b>Melting Point:</b>	NDA	<b>Vapor Density:</b>	= 1 Air=1
<b>Specific Gravity/Relative Density:</b>	1.57 Water=1	<b>Evaporation Rate:</b>	NDA
<b>Density:</b>	13.10 lbs/gal	<b>VOC (Wt.):</b>	0.66 lbs/gal
<b>Bulk Density:</b>	NDA	<b>VOC (Vol.):</b>	79 g/L
<b>pH:</b>	N/A	<b>Volatiles (Wt.):</b>	1.26 lbs.
<b>Water Solubility:</b>	No	<b>Volatiles (Vol.):</b>	20.59 %

<b>Solvent Solubility:</b>	No	<b>Flash Point:</b>	110° F(43.33°C)
<b>Viscosity:</b>	100-120 KU	<b>Flash Point Test Type:</b>	CC (Closed Cup)
<b>Coefficient of Water:</b>	NDA	<b>Autoignition:</b>	150 F(232.2222 C)

## Section 10 - Stability and Reactivity

<b>Stability</b>	- Stable under normal temperatures and pressures.
<b>Hazardous Polymerization</b>	- Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	- Avoid contact with strong oxidizing agents and flame.
<b>Incompatible Materials</b>	- Strong oxidizers and acids.
<b>Hazardous Decomposition Products</b>	- Carbon monoxide, carbon dioxide and hydrocarbons.

## Section 11 - Toxicological Information

Component Name	CAS	Data
PCBTF	98-56-6	Ingestion/Oral-Rat LD50 · 11500 mg/kg
Aromatic Hydrocarbon	64742-95-6	Ingestion/Oral-Rat LD50 · 4.7 g/kg
Benzyl Alcohol	100-51-6	Ingestion/Oral-Rat LD50 · 1230 mg/kg
Isophoronediamine	2855-13-2	Ingestion/Oral-Rat LD50 · 1000 mg/kg

**Other Component Information** - Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

**Other Information** -

## Section 12 - Ecological Information

<b>Ecological Fate</b>	- No data available.
<b>Persistence/Degradability</b>	- No data available.
<b>Bioaccumulation Potential</b>	- No data available.
<b>Mobility in Soil</b>	- No data available.

## Section 13 - Disposal Considerations

**Product** - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transportation Information

**DOT – Department of Transportation** - . Not restricted if shipped in containers <450L (119 gallons) Restricted if shipped in containers >450L (119 gallons).

**TDG - Canada Transportation of Dangerous Goods:** Not restricted under General Exemption for small container packaging.

**IMO/IMDG –International Maritime Transport** ▪ ▪ IMDG Code 2.3.2.5-exempted from marking, labeling & testing of packages.UN1263 Hazard Class 3 Packing Group III Flammable Liquids

**IATA - International Air Transport Association** - UN1263; Hazard Class: 3; Packing Group: III!

## Section 15 - Regulatory Information

**SARA Hazard Classifications** - Acute, Chronic

**Risk & Safety Phrases**

- California PROP 65: This product contains chemicals known to the State of California to cause cancer or reproductive harm. .

State Right To Know					
Component	CAS	MA	MN	NJ	PA
PCBTF	98-56-6	Yes	Yes	Yes	Yes
Aromatic Hydrocarbon	64742-95-6	Yes	Yes	Yes	Yes
Benzyl Alcohol	100-51-6	Yes	Yes	Yes	Yes
Calcium Carbonate	1317-65-3	Yes	Yes	Yes	Yes
Kaolin Clay	1332-58-7	No	No	No	No

Inventory			
Component	CAS	EU EINECS	TSCA
PCBTF	98-56-6	Yes	Yes
Aromatic Hydrocarbon	64742-95-6	Yes	Yes
Benzyl Alcohol	100-51-6	Yes	Yes
Calcium Carbonate	1317-65-3	Yes	Yes
Kaolin Clay	1332-58-7	No	No

**United States**

Environment

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

Aromatic Hydrocarbon	64742-95-6	Listed
PCBTF	98-56-6	Not Listed
Isophoronediamine	2855-13-2	Not Listed
Calcium Carbonate	1317-65-3	Not Listed
Kaolin Clay	1332-58-7	Not Listed

**Section 16 - Other Information**

**Last Revision Date**

- 11/20/2015

**Prepared By**

- Israel Gutman.

**Disclaimer/Statement of Liability**

- This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to verify the suitability and completeness of such information for particular use. Gardner Gibson Inc. does not accept liability for any loss or damage that may occur from the use of this information.

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